

# Hisayuki Yoshikawa-Inoue

## List of Publications by Year in descending order

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52  
papers

3,488  
citations

218677

26  
h-index

161849

54  
g-index

54  
all docs

54  
docs citations

54  
times ranked

4159  
citing authors

#	ARTICLE	IF	CITATIONS
1	Estimates of methane emissions from the Southern Ocean from quasi-continuous underway measurements of the partial pressure of methane in surface seawater during the 2012/13 austral summer. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2022, 70, 1478594.	1.6	6
2	Ozone depletion in the interstitial air of the seasonal snowpack in northern Japan. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2022, 67, 24934.	1.6	4
3	Distribution and Production Mechanisms of N <sub>2</sub> O in the Western Arctic Ocean. <i>Global Biogeochemical Cycles</i> , 2021, 35, e2020GB006881.	4.9	11
4	Ocean Acidification From Below in the Tropical Pacific. <i>Global Biogeochemical Cycles</i> , 2020, 34, e2019GB006368.	4.9	9
5	Effects of phytoplankton community composition and productivity on sea surface pCO <sub>2</sub> variations in the Southern Ocean. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2020, 160, 103263.	1.4	8
6	Influence of warm-core eddy on dissolved methane distributions in the southwestern Canada basin during late summer/early fall 2015. <i>Polar Science</i> , 2019, 22, 100481.	1.2	3
7	Sources of atmospheric black carbon and related carbonaceous components at Rishiri Island, Japan: The roles of Siberian wildfires and of crop residue burning in China. <i>Environmental Pollution</i> , 2019, 247, 55-63.	7.5	22
8	Spatial distribution of dissolved methane and its source in the western Arctic Ocean. <i>Journal of Oceanography</i> , 2018, 74, 305-317.	1.7	12
9	Origin of the water-soluble organic nitrogen in the maritime aerosol. <i>Atmospheric Environment</i> , 2017, 167, 97-103.	4.1	14
10	Low &lt;i>p</i>&lt;sub>CO</sub>&lt;sub>2</sub>&lt;/i> under sea-ice melt in the Canada Basin of the western Arctic Ocean. <i>Biogeosciences</i> , 2017, 14, 5727-5739.	3.3	5
11	Seven years of observational atmospheric CO <sub>2</sub> at a maritime site in northernmost Japan and its implications. <i>Science of the Total Environment</i> , 2015, 524-525, 331-337.	8.0	7
12	Temporal variations in black carbon recorded on Rishiri Island, northern Japan. <i>Geochemical Journal</i> , 2015, 49, 283-294.	1.0	7
13	High-resolution observations of dissolved isoprene in surface seawater in the Southern Ocean during austral summer 2010&acaron2011. <i>Journal of Oceanography</i> , 2014, 70, 225-239.	1.7	35
14	Strong relationship between dimethyl sulfide and net community production in the western subarctic Pacific. <i>Geophysical Research Letters</i> , 2013, 40, 3986-3990.	4.0	13
15	Ecosystem respiration derived from <sup>222</sup> Rn measurements on Rishiri Island, Japan. <i>Biogeochemistry</i> , 2013, 115, 185-194.	3.5	4
16	Decreasing pH trend estimated from 35-year time series of carbonate parameters in the Pacific sector of the Southern Ocean in summer. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2012, 61, 131-139.	1.4	36
17	Recent deceleration of oceanic <i>p</i>CO <sub>2</sub> increase in the western North Pacific in winter. <i>Geophysical Research Letters</i> , 2012, 39, .	4.0	15
18	Influence of Asian outflow on Rishiri Island, northernmost Japan: Application of radon as a tracer for characterizing fetch regions and evaluating a global 3D model. <i>Atmospheric Environment</i> , 2012, 50, 174-181.	4.1	13

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19	Dissolved methane distribution in the South Pacific and the Southern Ocean in austral summer. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	12
20	Ocean acidification off the south coast of Japan: A result from time series observations of CO <sub>2</sub> parameters from 1994 to 2008. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	61
21	Effects of snow, snowmelting and refreezing processes on air-sea CO <sub>2</sub> flux. <i>Journal of Glaciology</i> , 2010, 56, 262-270.	2.2	57
22	Transport of chemical components in sea ice and under-ice water during melting in the seasonally ice-covered Saroma-ko Lagoon, Hokkaido, Japan. <i>Estuarine, Coastal and Shelf Science</i> , 2009, 81, 201-209.	2.1	20
23	Seasonal and interannual variability of oceanic carbon cycling in the western and central tropical-subtropical pacific: A physical-biogeochemical modeling study. <i>Journal of Oceanography</i> , 2009, 65, 689-701.	1.7	15
24	Climatological mean and decadal change in surface ocean pCO <sub>2</sub> , and net sea-air CO <sub>2</sub> flux over the global oceans. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2009, 56, 554-577.	1.4	1,540
25	Spatial variability and decadal trend of the oceanic CO <sub>2</sub> in the western equatorial Pacific warm/fresh water. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2009, 56, 591-606.	1.4	53
26	Variations of oceanic pCO <sub>2</sub> and air-sea CO <sub>2</sub> flux in the eastern Indian sector of the Southern Ocean for the austral summer of 2001-2002. <i>Geophysical Research Letters</i> , 2009, 36, .	4.0	6
27	Interannual variability of winter oceanic CO <sub>2</sub> and air-sea CO <sub>2</sub> flux in the western North Pacific for 2 decades. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	31
28	Temporal and spatial variations of oceanic pCO <sub>2</sub> and air-sea CO <sub>2</sub> flux in the Greenland Sea and the Barents Sea. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2006, 58, 148-161.	1.6	35
29	The effect of sea-ice growth on air-sea CO <sub>2</sub> flux in a tank experiment. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2006, 58, 418-426.	1.6	67
30	Seasonal and Long-Term Variations in Atmospheric CO <sub>2</sub> and 85Kr in Tsukuba, Central Japan. <i>Journal of the Meteorological Society of Japan</i> , 2006, 84, 959-968.	1.8	14
31	Persistently strong oceanic CO <sub>2</sub> sink in the western subtropical North Pacific. <i>Geophysical Research Letters</i> , 2005, 32, .	4.0	31
32	Variations and trends of CO <sub>2</sub> in the surface seawater in the Southern Ocean south of Australia between 1969 and 2002. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2005, 57, 58-69.	1.6	24
33	Methane in the western part of the Sea of Okhotsk in 1998-2000. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	16
34	Seasonal Changes in Oceanic pCO <sub>2</sub> in the Oyashio Region from Winter to Spring. <i>Journal of Oceanography</i> , 2003, 59, 871-882.	1.7	11
35	Distribution of the partial pressure of CO <sub>2</sub> in surface water (pCO <sub>2w</sub> ) between Japan and the Hawaiian Islands: pCO <sub>2w</sub> -SST relationship in the winter and summer. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2003, 55, 456-465.	1.6	6
36	Net community production in the marginal ice zone and its importance for the variability of the oceanic pCO <sub>2</sub> in the Southern Ocean south of Australia. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2002, 49, 1691-1706.	1.4	40

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37	Seasonal and interannual variability of CO <sub>2</sub> in the equatorial Pacific. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2002, 49, 2443-2469.	1.4	176
38	Pacific warm pool and divergence: temporal and zonal variations on the equator and their effects on the biological pump. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2002, 49, 2471-2512.	1.4	106
39	Long-range transport of carbon monoxide from tropical ground to upper troposphere: a case study for South East Asia in October 1997. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2002, 54, 22-40.	1.6	18
40	Seasonal variation in total inorganic carbon and its controlling processes in surface waters of the western North Pacific subtropical gyre. <i>Marine Chemistry</i> , 2001, 75, 17-32.	2.3	44
41	Distributions and variations in the partial pressure of CO <sub>2</sub> in surface waters (pCO <sub>2w</sub> ) of the central and western equatorial Pacific during the 1997/1998 El Niño event. <i>Marine Chemistry</i> , 2001, 76, 59-75.	2.3	21
42	and monitoring at MRI, Tsukuba and its importance. <i>Journal of Environmental Radioactivity</i> , 2000, 48, 191-202.	1.7	36
43	The international at-sea intercomparison of fCO <sub>2</sub> systems during the R/V Meteor Cruise 36/1 in the North Atlantic Ocean. <i>Marine Chemistry</i> , 2000, 72, 171-192.	2.3	69
44	Aircraft measurements of trace gases between Japan and Singapore in October of 1993, 1996, and 1997. <i>Geophysical Research Letters</i> , 1999, 26, 2413-2416.	4.0	46
45	Tropospheric carbon monoxide and hydrogen measurements over Kalimantan in Indonesia and northern Australia during October, 1997. <i>Geophysical Research Letters</i> , 1999, 26, 1389-1392.	4.0	42
46	Large injection of carbon monoxide into the upper troposphere due to intense biomass burning in 1997. <i>Journal of Geophysical Research</i> , 1999, 104, 26867-26879.	3.3	31
47	Close coupling between seasonal biological production and dynamics of dissolved inorganic carbon in the Indian Ocean sector and the western Pacific Ocean sector of the Antarctic Ocean. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 1998, 45, 1187-1209.	1.4	68
48	Carbon monoxide in the upper troposphere over the western Pacific between 1993 and 1996. <i>Journal of Geophysical Research</i> , 1998, 103, 19093-19110.	3.3	44
49	Measurements of atmospheric CO <sub>2</sub> and CH <sub>4</sub> using a commercial airliner from 1993 to 1994. <i>Atmospheric Environment</i> , 1996, 30, 1647-1655.	4.1	67
50	Changes in longitudinal distribution of the partial pressure of CO <sub>2</sub> (pCO <sub>2</sub> ) in the central and western equatorial Pacific, west of 160°W. <i>Geophysical Research Letters</i> , 1996, 23, 1781-1784.	4.0	49
51	Atmospheric methane over the North Pacific from 1987 to 1993.. <i>Geochemical Journal</i> , 1996, 30, 1-15.	1.0	13
52	Equilibrium and kinetic nitrogen and oxygen isotope fractionations between dissolved and gaseous N <sub>2</sub> O. <i>Chemical Geology</i> , 1994, 113, 135-148.	3.3	31