

Koichi Watanabe

List of Publications by Year in descending order

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26
papers

509
citations

623734

14
h-index

677142

22
g-index

27
all docs

27
docs citations

27
times ranked

513
citing authors

#	ARTICLE	IF	CITATIONS
1	Chemical characteristics of cloud water over the Japan Sea and the Northwestern Pacific Ocean near the central part of Japan: airborne measurements. <i>Atmospheric Environment</i> , 2001, 35, 645-655.	4.1	57
2	Fog and rain water chemistry at Mt. Fuji: A case study during the September 2002 campaign. <i>Atmospheric Research</i> , 2006, 82, 652-662.	4.1	54
3	Chemical Characteristics of Fog Water at Mt. Tateyama, Near the Coast of the Japan Sea in Central Japan. <i>Water, Air, and Soil Pollution</i> , 2010, 211, 379-393.	2.4	39
4	Influence of air pollution on the mountain forests along the Tateyama–Kurobe Alpine route. <i>Ecological Research</i> , 2009, 24, 821-830.	1.5	34
5	Chemical Composition of Fog Water near the Summit of Mt. Norikura in Japan. <i>Journal of the Meteorological Society of Japan</i> , 1999, 77, 997-1006.	1.8	29
6	Measurements of ozone concentrations on a commercial vessel in the marine boundary layer over the northern North Pacific Ocean. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	27
7	Long-range-transported bioaerosols captured in snow cover on Mount Tateyama, Japan: impacts of Asian-dust events on airborne bacterial dynamics relating to ice-nucleation activities. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 8155-8171.	4.9	27
8	Measurements of Atmospheric Peroxides Concentrations Near the Summit of Mt. Norikura in Japan. <i>Journal of the Meteorological Society of Japan</i> , 1995, 73, 1153-1160.	1.8	24
9	Simultaneous Measurement of CCN Activity and Chemical Composition of Fine-Mode Aerosols at Noto Peninsula, Japan, in Autumn 2012. <i>Aerosol and Air Quality Research</i> , 2016, 16, 2107-2118.	2.1	24
10	Size distributions of aerosol number concentrations and water-soluble constituents in Toyama, Japan: A comparison of the measurements during Asian dust period with non-dust period. <i>Atmospheric Research</i> , 2006, 82, 719-727.	4.1	23
11	Chemical characteristics of the snow pits at Murododaira, Mount Tateyama, Japan. <i>Annals of Glaciology</i> , 2011, 52, 102-110.	1.4	19
12	Measurements of atmospheric hydroperoxides over a rural site in central Japan during summers using a helicopter. <i>Atmospheric Environment</i> , 2016, 146, 174-182.	4.1	19
13	Measurement of Gaseous Hydrogen Peroxide (H_2O_2) Concentrations in the Urban Atmosphere. <i>Journal of the Meteorological Society of Japan</i> , 1995, 73, 839-847.	1.8	18
14	Chemical composition of fog water at Mt. Tateyama near the coast of the Japan Sea in central Japan. <i>Erdkunde</i> , 2011, 65, 233-245.	0.8	18
15	Measurements of aerosol number concentrations and rainwater chemistry at Mt. Tateyama, near the coast of the Japan sea in central Japan: On the influence of high-elevation Asian dust particles in autumn. <i>Journal of Atmospheric Chemistry</i> , 2013, 70, 115-129.	3.2	13
16	Atmospheric Deposition and Interactions with <i>Pinus pumila</i> Regal Canopy on Mount Tateyama in the Northern Japanese Alps. <i>Arctic, Antarctic, and Alpine Research</i> , 2015, 47, 389-399.	1.1	12
17	Desert and anthropogenic mixing dust deposition influences microbial communities in surface waters of the western Pacific Ocean. <i>Science of the Total Environment</i> , 2021, 791, 148026.	8.0	12
18	Atmospheric Hydrogen Peroxide Concentration Measured at Ogasawara Hahajima Island in the Sub-Tropical Pacific Ocean. <i>Journal of the Meteorological Society of Japan</i> , 1996, 74, 393-398.	1.8	11

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19	Peroxide Concentrations in Fog Water at Mountainous Sites in Japan. <i>Water, Air, and Soil Pollution</i> , 2001, 130, 1559-1564.	2.4	11
20	Aerosol Number Concentrations during Kosa Events on Suburban Hills in Japan. <i>Water, Air and Soil Pollution</i> , 2005, 5, 195-206.	0.8	9
21	On the Kosa (Asian Dust) Event in November 2002: Aerosol Number Concentrations and Precipitation Chemistry in Toyama, Japan. <i>Journal of the Meteorological Society of Japan</i> , 2003, 81, 1489-1495.	1.8	9
22	Atmospheric hydroperoxides measured over a rural site in central Japan during spring: helicopter-borne measurements. <i>Journal of Atmospheric Chemistry</i> , 2018, 75, 141-153.	3.2	7
23	Measurements of atmospheric hydroperoxides at a rural site in central Japan. <i>Journal of Atmospheric Chemistry</i> , 2018, 75, 71-84.	3.2	6
24	Number concentration and size distribution of ultrafine particles on the roadside of the Tateyama-Kurobe Alpine route, Japan. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2011, 46, 921-930.	1.7	3
25	Volcanic Impact of Nishinoshima Eruptions in Summer 2020 on the Atmosphere over Central Japan: Results from Airborne Measurements of Aerosol and Trace Gases. <i>Scientific Online Letters on the Atmosphere</i> , 2021, 17, 109-112.	1.4	3
26	Continuous Measurements of Microbial Particles in Central Japan Using a Real Time Viable Particle Counter. <i>Scientific Online Letters on the Atmosphere</i> , 2022, 18, 104-109.	1.4	1