

Masaki Takeuchi

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Characteristics of water-soluble components of atmospheric aerosols in Yokohama and Mt. Oyama, Japan from 1990 to 2001. <i>Atmospheric Environment</i> , 2004, 38, 4701-4708.	4.1	33
2	Membrane-Based Parallel Plate Denuder for the Collection and Removal of Soluble Atmospheric Gases. <i>Analytical Chemistry</i> , 2004, 76, 1204-1210.	6.5	32
3	Versatile Gas/Particle Ion Chromatograph. <i>Environmental Science & Technology</i> , 2006, 40, 962-968.	10.0	28
4	Development of a mugineic acid family phytosiderophore analog as an iron fertilizer. <i>Nature Communications</i> , 2021, 12, 1558.	12.8	27
5	Diurnal Variations in Partitioning of Atmospheric Glyoxal and Methylglyoxal between Gas and Particles at the Ground Level and in the Free Troposphere. <i>ACS Earth and Space Chemistry</i> , 2018, 2, 915-924.	2.7	25
6	Continuous Collection of Soluble Atmospheric Particles with a Wetted Hydrophilic Filter. <i>Analytical Chemistry</i> , 2005, 77, 8031-8040.	6.5	20
7	Atmospheric Acid Gases in Tokushima, Japan, Monitored with Parallel Plate Wet Denuder Coupled Ion Chromatograph. <i>Analytical Sciences</i> , 2013, 29, 165-168.	1.6	14
8	Parallel-Plate Wet Denuder Coupled Ion Chromatograph for Near-Real-Time Detection of Trace Acidic Gases in Clean Room Air. <i>Analytical Sciences</i> , 2011, 27, 805-810.	1.6	12
9	On-line measurement of perchlorate in atmospheric aerosol based on ion chromatograph coupled with particle collector and post-column concentrator. <i>Talanta</i> , 2012, 97, 527-532.	5.5	10
10	Track-etched membrane-based dual-electrode coulometric detector for microbore/capillary high-performance liquid chromatography. <i>Analytica Chimica Acta</i> , 2020, 1102, 46-52.	5.4	9
11	Surface modified annular wet denuder for the collection of water-soluble trace gases. <i>Analytical Methods</i> , 2013, 5, 6071.	2.7	5
12	Online Analysis of Water-soluble Acidic Gases and Anions in Particles at the Southeastern Foot of Mt. Fuji. <i>Bunseki Kagaku</i> , 2021, 70, 65-69.	0.2	4
13	High Time-Resolution Monitoring of Free-Tropospheric Sulfur Dioxide and Nitric Acid at the Summit of Mt. Fuji, Japan. <i>Water, Air, and Soil Pollution</i> , 2017, 228, 1.	2.4	3
14	Online Analysis of Water-soluble Acidic Gases and Anions in PM _{2.5} at Tokushima City in Winter of 2015. <i>Bunseki Kagaku</i> , 2016, 65, 425-432.	0.2	1
15	On-line analysis of free-tropospheric water-soluble acidic gases and particulate anions on the summit of Mt. Fuji, Japan. <i>Atmospheric Environment</i> , 2022, 273, 118977.	4.1	1
16	Predictive evaluation of powder X-ray diffractograms of pharmaceutical formulation powders based on infrared spectroscopy. <i>Bio-Medical Materials and Engineering</i> , 2020, 31, 307-317.	0.6	0
17	Parallel plate wet denuder coupled ammonia transfer device-conductivity detector for near-real-time monitoring of gaseous ammonia. <i>Talanta Open</i> , 2022, 5, 100091.	3.7	0