Hiroto Kawashima

List of Publications by Year
in descending order

30	482	759233 12	713466 21
papers	citations	h-index	g-index

30	30	30	577
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Seasonal trends of the stable nitrogen isotope ratio in particulate nitrogen compounds and their gaseous precursors in Akita, Japan. Tellus, Series B: Chemical and Physical Meteorology, 2022, 71, 1627846.	1.6	12
2	Discrimination for sake brewing methods by compound specific isotope analysis and formation mechanism of organic acids in sake. Food Chemistry, 2022, 381, 132295.	8.2	7
3	Carbon isotope ratio of organic acids in sake and wine by solid-phase extraction combined with LC/IRMS. Analytical and Bioanalytical Chemistry, 2021, 413, 355-363.	3.7	6
4	Laboratory-based validation of a passive sampler for determination of the nitrogen stable isotope ratio of ammonia gas. Atmospheric Environment, 2021, 245, 118009.	4.1	13
5	Ionâ€exchange resin and denitrification pretreatment for determining Î´¹⁵Nâ€NH₄⁺, Î´¹⁵Nâ€NO₃^{â^'}, and Î´¹⁸Oâ€NO₃^{â^'} values. Rapid Communications in Mass Spectrometry, 2021, 35, e9027.	1.5	5
6	Influence of Monsoonal Driving Factors on the Secondary Inorganic Aerosol over Ambient Air in Dhaka. ACS Earth and Space Chemistry, 2021, 5, 2517-2533.	2.7	8
7	Concentrations and Size Distributions of Black Carbon in the Surface Snow of Eastern Antarctica in 2011. Journal of Geophysical Research D: Atmospheres, 2020, 125, e2019JD030737.	3.3	17
8	Determination of Organic Acids in Honey by Liquid Chromatography with Tandem Mass Spectrometry. Food Analytical Methods, 2020, 13, 2249-2257.	2.6	28
9	Analysis of malto-oligosaccharides and related metabolites in rice endosperm during development. Planta, 2020, 251, 110.	3.2	6
10	Nitrogen Isotope Fractionation from Ammonia Gas to Ammonium in Particulate Ammonium Chloride. Environmental Science & Technology, 2019, 53, 10629-10635.	10.0	24
11	Heart-cutting two-dimensional liquid chromatography combined with isotope ratio mass spectrometry for the determination of stable carbon isotope ratios of gluconic acid in honey. Journal of Chromatography A, 2019, 1608, 460421.	3.7	13
12	Stable carbon isotope ratios for organic acids in commercial honey samples. Food Chemistry, 2019, 289, 49-55.	8.2	26
13	Authenticity and Geographic Origin of Food Using Stable Isotope Ratios. Journal of the Mass Spectrometry Society of Japan, 2019, 67, 86-91.	0.1	0
14	Compound Specific Carbon Isotope Analysis in Sake by LC/IRMS and Brewersâ€™ Alcohol Proportion. Scientific Reports, 2019, 9, 17635.	3.3	11
15	Determination of carbon isotope ratios for honey samples by means of a liquid chromatography/isotope ratio mass spectrometry system coupled with a postâ€column pump. Rapid Communications in Mass Spectrometry, 2018, 32, 1271-1279.	1.5	15
16	Online wet oxidation/isotope ratio mass spectrometry method for determination of stable carbon isotope ratios of waterâ€soluble organic carbon in particulate matter. Rapid Communications in Mass Spectrometry, 2018, 32, 1668-1674.	1.5	5
17	Use of stable carbon isotope ratios to determine the source of cypermethrin in so-called natural plant extract formulations used for organic farming. Isotopes in Environmental and Health Studies, 2017, 53, 70-79.	1.0	4
18	Classification of nine malathion emulsion samples by using carbon isotope ratios and the ratio of organic solvents. Science and Justice - Journal of the Forensic Science Society, 2017, 57, 1-5.	2.1	1

#	Article	IF	Citations
19	Influence of the melting temperature on the measurement of the mass concentration and size distribution of black carbon in snow. Atmospheric Measurement Techniques, 2016, 9, 1939-1945.	3.1	4
20	Global mapping of carbon isotope ratios in coal. Journal of Geochemical Exploration, 2016, 167, 12-19.	3.2	24
21	The Fractionation Factors of Hydrogen Stable Isotopes for VOCs. Procedia Earth and Planetary Science, 2015, 13, 185-188.	0.6	1
22	The Measurement of Stable Carbon Isotope Ratios of Eight Methamidophos Samples. Journal of Forensic Sciences, 2015, 60, 1360-1364.	1.6	5
23	Measurement of the stable carbon isotope ratio of atmospheric volatile organic compounds using chromatography, combustion, and isotope ratio mass spectrometry coupled with thermal desorption. Atmospheric Environment, 2014, 89, 140-147.	4.1	17
24	Hydrogen isotope analysis of benzene and toluene emitted from vehicles. Atmospheric Environment, 2013, 72, 151-158.	4.1	9
25	Effects of combustion emissions from the Eurasian continent in winter on seasonal Î´13C of elemental carbon in aerosols in Japan. Atmospheric Environment, 2012, 46, 568-579.	4.1	89
26	Inorganic ion and nitrogen isotopic compositions of atmospheric aerosols at Yurihonjo, Japan: Implications for nitrogen sources. Atmospheric Environment, 2011, 45, 6309-6316.	4.1	78
27	Source Evaluation of Diazinon Using Stable Carbon Isotope Ratio. Environmental Forensics, 2010, 11, 363-371.	2.6	10
28	Volatile organic compound emission factors from roadside measurements. Atmospheric Environment, 2006, 40, 2301-2312.	4.1	29
29	Source apportionment based on an atmospheric dispersion model and multiple linear regression analysis. Atmospheric Environment, 2005, 39, 1323-1334.	4.1	14
30	Determination of Nonlinear Parameters Included in Rate Equations by Taylor's Differential Correction Method Intermolecular Transfer of a Fluorine Atom from UF6to UF5. Journal of Nuclear Science and Technology, 2005, 42, 328-332.	1.3	1