

# Hiroto Kawashima

## List of Publications by Year in descending order

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Version: 2024-02-01

30  
papers

482  
citations

759233

12  
h-index

713466

21  
g-index

30  
all docs

30  
docs citations

30  
times ranked

577  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of combustion emissions from the Eurasian continent in winter on seasonal $\delta^{13}\text{C}$ of elemental carbon in aerosols in Japan. <i>Atmospheric Environment</i> , 2012, 46, 568-579.	4.1	89
2	Inorganic ion and nitrogen isotopic compositions of atmospheric aerosols at Yurihonjo, Japan: Implications for nitrogen sources. <i>Atmospheric Environment</i> , 2011, 45, 6309-6316.	4.1	78
3	Volatile organic compound emission factors from roadside measurements. <i>Atmospheric Environment</i> , 2006, 40, 2301-2312.	4.1	29
4	Determination of Organic Acids in Honey by Liquid Chromatography with Tandem Mass Spectrometry. <i>Food Analytical Methods</i> , 2020, 13, 2249-2257.	2.6	28
5	Stable carbon isotope ratios for organic acids in commercial honey samples. <i>Food Chemistry</i> , 2019, 289, 49-55.	8.2	26
6	Global mapping of carbon isotope ratios in coal. <i>Journal of Geochemical Exploration</i> , 2016, 167, 12-19.	3.2	24
7	Nitrogen Isotope Fractionation from Ammonia Gas to Ammonium in Particulate Ammonium Chloride. <i>Environmental Science &amp; Technology</i> , 2019, 53, 10629-10635.	10.0	24
8	Measurement of the stable carbon isotope ratio of atmospheric volatile organic compounds using chromatography, combustion, and isotope ratio mass spectrometry coupled with thermal desorption. <i>Atmospheric Environment</i> , 2014, 89, 140-147.	4.1	17
9	Concentrations and Size Distributions of Black Carbon in the Surface Snow of Eastern Antarctica in 2011. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2019JD030737.	3.3	17
10	Determination of carbon isotope ratios for honey samples by means of a liquid chromatography/isotope ratio mass spectrometry system coupled with a post-column pump. <i>Rapid Communications in Mass Spectrometry</i> , 2018, 32, 1271-1279.	1.5	15
11	Source apportionment based on an atmospheric dispersion model and multiple linear regression analysis. <i>Atmospheric Environment</i> , 2005, 39, 1323-1334.	4.1	14
12	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. <i>Journal of Chromatography A</i> , 2019, 1608, 460421.	3.7	13
13	Laboratory-based validation of a passive sampler for determination of the nitrogen stable isotope ratio of ammonia gas. <i>Atmospheric Environment</i> , 2021, 245, 118009.	4.1	13
14	Seasonal trends of the stable nitrogen isotope ratio in particulate nitrogen compounds and their gaseous precursors in Akita, Japan. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2022, 71, 1627846.	1.6	12
15	Compound Specific Carbon Isotope Analysis in Sake by LC/IRMS and Brewers' Alcohol Proportion. <i>Scientific Reports</i> , 2019, 9, 17635.	3.3	11
16	Source Evaluation of Diazinon Using Stable Carbon Isotope Ratio. <i>Environmental Forensics</i> , 2010, 11, 363-371.	2.6	10
17	Hydrogen isotope analysis of benzene and toluene emitted from vehicles. <i>Atmospheric Environment</i> , 2013, 72, 151-158.	4.1	9
18	Influence of Monsoonal Driving Factors on the Secondary Inorganic Aerosol over Ambient Air in Dhaka. <i>ACS Earth and Space Chemistry</i> , 2021, 5, 2517-2533.	2.7	8

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19	Discrimination for sake brewing methods by compound specific isotope analysis and formation mechanism of organic acids in sake. <i>Food Chemistry</i> , 2022, 381, 132295.	8.2	7
20	Analysis of malto-oligosaccharides and related metabolites in rice endosperm during development. <i>Planta</i> , 2020, 251, 110.	3.2	6
21	Carbon isotope ratio of organic acids in sake and wine by solid-phase extraction combined with LC/IRMS. <i>Analytical and Bioanalytical Chemistry</i> , 2021, 413, 355-363.	3.7	6
22	The Measurement of Stable Carbon Isotope Ratios of Eight Methamidophos Samples. <i>Journal of Forensic Sciences</i> , 2015, 60, 1360-1364.	1.6	5
23	Online wet oxidation/isotope ratio mass spectrometry method for determination of stable carbon isotope ratios of water-soluble organic carbon in particulate matter. <i>Rapid Communications in Mass Spectrometry</i> , 2018, 32, 1668-1674.	1.5	5
24	Ion-exchange resin and denitrification pretreatment for determining $\delta^{15}\text{N}$ , $\delta^{15}\text{N}$ , and $\delta^{18}\text{O}$ values. <i>Rapid Communications in Mass Spectrometry</i> , 2021, 35, e9027.	1.5	5
25	Influence of the melting temperature on the measurement of the mass concentration and size distribution of black carbon in snow. <i>Atmospheric Measurement Techniques</i> , 2016, 9, 1939-1945.	3.1	4
26	Use of stable carbon isotope ratios to determine the source of cypermethrin in so-called natural plant extract formulations used for organic farming. <i>Isotopes in Environmental and Health Studies</i> , 2017, 53, 70-79.	1.0	4
27	Determination of Nonlinear Parameters Included in Rate Equations by Taylor's Differential Correction Method Intermolecular Transfer of a Fluorine Atom from UF <sub>6</sub> to UF <sub>5</sub> . <i>Journal of Nuclear Science and Technology</i> , 2005, 42, 328-332.	1.3	1
28	The Fractionation Factors of Hydrogen Stable Isotopes for VOCs. <i>Procedia Earth and Planetary Science</i> , 2015, 13, 185-188.	0.6	1
29	Classification of nine malathion emulsion samples by using carbon isotope ratios and the ratio of organic solvents. <i>Science and Justice - Journal of the Forensic Science Society</i> , 2017, 57, 1-5.	2.1	1
30	Authenticity and Geographic Origin of Food Using Stable Isotope Ratios. <i>Journal of the Mass Spectrometry Society of Japan</i> , 2019, 67, 86-91.	0.1	0