Kiwao Kadokami

List of Publications by Year
in descending order

82	1,585	236925 25	330143 37
papers	citations	h-index	g-index

82	82	82	1357
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Monitoring of 1300 organic micro-pollutants in surface waters from Tianjin, North China. Chemosphere, 2015, 122, 125-130.	8.2	125
2	Novel gas chromatographyâ€“mass spectrometry database for automatic identification and quantification of micropollutants. Journal of Chromatography A, 2005, 1089, 219-226.	3.7	100
3	Screening and analysis of 940 organic micro-pollutants in river sediments in Vietnam using an automated identification and quantification database system for GCâ€“MS. Chemosphere, 2014, 107, 462-472.	8.2	73
4	Occurrence of 1153 organic micropollutants in the aquatic environment of Vietnam. Environmental Science and Pollution Research, 2018, 25, 7147-7156.	5.3	72
5	Screening of 1300 organic micro-pollutants in groundwater from Beijing and Tianjin, North China. Chemosphere, 2016, 165, 221-230.	8.2	62
6	Survey on the micro-pollutants presence in surface water system of northern Serbia and environmental and health risk assessment. Environmental Research, 2018, 166, 130-140.	7.5	56
7	Occurrence of perfluoroalkyl acids in environmental waters in Vietnam. Chemosphere, 2015, 122, 115-124.	8.2	55
8	Screening and health risk of organic micropollutants in rural groundwater of Liaodong Peninsula, China. Environmental Pollution, 2016, 218, 739-748.	7.5	51
9	Determination of organotin compounds in water by bonded-phase extraction and high-performance liquid chromatography with long-tube atomic absorption spectrometric detection. Journal of Analytical Atomic Spectrometry, 1988, 3, 187.	3.0	49
10	Comprehensive Target Analysis for 484 Organic Micropollutants in Environmental Waters by the Combination of Tandem Solid-Phase Extraction and Quadrupole Time-of-Flight Mass Spectrometry with Sequential Window Acquisition of All Theoretical Fragment-Ion Spectra Acquisition. Analytical Chemistry, 2019, 91, 7749-7755.	6.5	48
11	Screening analysis of hundreds of sediment pollutants and evaluation of their effects on benthic organisms in Dokai Bay, Japan. Chemosphere, 2013, 90, 721-728.	8.2	42
12	Occurrence and Health Risks of Organic Micro-Pollutants and Metals in Groundwater of Chinese Rural Areas. Environmental Health Perspectives, 2020, 128, 107010.	6.0	36
13	Occurrence and ecological risks of 156 pharmaceuticals and 296 pesticides in seawater from mariculture areas of Northeast China. Science of the Total Environment, 2021, 792, 148375.	8.0	36
14	Screening and ecological risk of 1200 organic micropollutants in Yangtze Estuary water. Water Research, 2021, 201, 117341.	11.3	35
15	Development of a Comprehensive Analytical Method for Semi-Volatile Organic Compounds in Sediments by Using an Automated Identification and Quantification System with a GC-MS Database. Analytical Sciences, 2012, 28, 1183-1189.	1.6	32
16	Quorum sensing between Gram-negative bacteria responsible for methane production in a complex waste sewage sludge consortium. Applied Microbiology and Biotechnology, 2019, 103, 1485-1495.	3.6	32
17	Development of a novel GC/MS database for simultaneous determination of hazardous chemicals. Bunseki Kagaku, 2004, 53, 581-588.	0.2	31
18	Target and screening analysis of 940 micro-pollutants in sediments in Tokyo Bay, Japan. Chemosphere, 2014, 99, 109-116.	8.2	31

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19	Effect of estrogenic activity, and phytoestrogen and organochlorine pesticide contents in an experimental fish diet on reproduction and hepatic vitellogenin production in medaka (Oryzias) Tj ETQq1 1 0.784314 rgBT /Overlock	1.4	31
20	Micro-pollutants in sediment samples in the middle Danube region, Serbia: occurrence and risk assessment. Environmental Science and Pollution Research, 2018, 25, 260-273.	5.3	30
21	Survey on 882 Organic Micro-Pollutants in Rivers throughout Japan by Automated Identification and Quantification System with a Gas Chromatography-Mass Spectrometry Database. Journal of Environmental Chemistry, 2009, 19, 351-360.	0.2	29
22	Development of a comprehensive screening method for more than 300 organic chemicals in water samples using a combination of solid-phase extraction and liquid chromatography-time-of-flight-mass spectrometry. Environmental Science and Pollution Research, 2017, 24, 26396-26409.	5.3	29
23	Groundwater screening for 940 organic micro-pollutants in Hanoi and Ho Chi Minh City, Vietnam. Environmental Science and Pollution Research, 2015, 22, 19835-19847.	5.3	28
24	A Rapid Method, Combining Microwave-Assisted Extraction and Gas Chromatography-Mass Spectrometry with a Database, for Determining Organochlorine Pesticides and Polycyclic Aromatic Hydrocarbons in Soils and Sediments. Soil and Sediment Contamination, 2018, 27, 31-45.	1.9	26
25	Target screening analysis of 970 semi-volatile organic compounds adsorbed on atmospheric particulate matter in Hanoi, Vietnam. Chemosphere, 2019, 219, 784-795.	8.2	26
26	Simultaneous Determination of 266 Chemicals in Water at ppt Levels by GC-Ion Trap MS. Analytical Sciences, 1995, 11, 375-384.	1.6	24
27	Gas Chromatography/Mass Spectrometric Determination of Traces of Hydrophilic and Volatile Organic Compounds in Water after Preconcentration with Activated Carbon. Analytical Sciences, 1990, 6, 843-849.	1.6	22
28	Determination of organotin compounds in biological samples using ethyl derivatization and GC/MS.. Bunseki Kagaku, 2000, 49, 523-528.	0.2	21
29	Multiresidue Determination of Trace Pesticides in Water by Gas Chromatography/Mass Spectrometry with Selected Ion Monitoring. Analytical Sciences, 1991, 7, 247-252.	1.6	19
30	Occurrence and Aquatic Ecological Risk Assessment of Typical Organic Pollutants in Water of Yangtze River Estuary. Procedia Environmental Sciences, 2013, 18, 882-889.	1.4	19
31	Development of a rapid and comprehensive method for identifying organic micropollutants with high ecological risk to the aquatic environment. Chemosphere, 2021, 263, 128258.	8.2	17
32	Screening of 484 trace organic contaminants in coastal waters around the Liaodong Peninsula, China: Occurrence, distribution, and ecological risk. Environmental Pollution, 2020, 267, 115436.	7.5	16
33	Comprehensive study of insecticides in atmospheric particulate matter in Hanoi, Vietnam: Occurrences and human risk assessment. Chemosphere, 2021, 262, 128028.	8.2	16
34	TNT biodegradation and production of dihydroxylamino-nitrotoluene by aerobic TNT degrader Pseudomonas sp. strain TM15 in an anoxic environment. Biodegradation, 2008, 19, 795-805.	3.0	14
35	An overview of organic contaminants in indoor dust, their health impact, geographical distribution and recent extraction/analysis methods. Environmental Geochemistry and Health, 2022, 44, 677-713.	3.4	14
36	One-Step Isolation and Identification of Hydroxylamino-Dinitrotoluenes, Unstable Products from 2,4,6-Trinitrotoluene Metabolites, with Thin-Layer Chromatography and Laser Time-of-Flight Mass Spectrometry. Journal of Chromatographic Science, 2006, 44, 96-100.	1.4	13

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37	Comprehensive Analytical Method for Semi-volatile Organic Compounds in Water Samples by Combination of Disk-type Solid-phase Extraction and Gas Chromatography-Mass Spectrometry Database System. Analytical Sciences, 2013, 29, 483-486.	1.6	13
38	Combining Passive Sampling with a GC-MS-Database Screening Tool to Assess Trace Organic Contamination of Rivers: a Pilot Study in Melbourne, Australia. Water, Air, and Soil Pollution, 2015, 226, 1.	2.4	13
39	Determination of organotin compounds in water and sediment samples by isotope dilution GC/MS.. Bunseki Kagaku, 1999, 48, 555-561.	0.2	11
40	Occurrences of microorganic pollutants in the Kumho River by a comprehensive target analysis using LC-Q/TOF-MS with sequential window acquisition of all theoretical fragment ion spectra (SWATH). Science of the Total Environment, 2020, 713, 136508.	8.0	11
41	Development of a novel scheme for rapid screening for environmental micropollutants in emergency situations (REPE) and its application for comprehensive analysis of tsunami sediments deposited by the great east Japan earthquake. Chemosphere, 2019, 224, 39-47.	8.2	10
42	Use of comprehensive target analysis for determination of contaminants of emerging concern in a sediment core collected from Beppu Bay, Japan. Environmental Pollution, 2021, 272, 115587.	7.5	10
43	Reproducibility of Measurement Results by Automated Identification and Quantification System with Database for GC/MS. Bunseki Kagaku, 2011, 60, 543-556.	0.2	9
44	Small Scale Direct Potable Reuse (DPR) Project for a Remote Area. Water (Switzerland), 2017, 9, 94.	2.7	9
45	Occurrence and risk assessment of herbicides and fungicides in atmospheric particulate matter in Hanoi, Vietnam. Science of the Total Environment, 2021, 787, 147674.	8.0	9
46	Concentrations of 14 Hydrophilic Chemicals in Natural Waters at Kitakyushu Area.. Journal of Environmental Chemistry, 1993, 3, 15-23.	0.2	9
47	Development of a Comprehensive Analytical Method for Semi-volatile Organic Compounds in Water Samples by a Combination of Solid-phase Extraction and Gas Chromatography-mass Spectrometry Database System. Journal of Environmental Chemistry, 2011, 21, 35-48.	0.2	8
48	Contamination status, emission sources, and human health risk of brominated flame retardants in urban indoor dust from Hanoi, Vietnam: the replacement of legacy polybrominated diphenyl ether mixtures by alternative formulations. Environmental Science and Pollution Research, 2021, 28, 43885-43896.	5.3	8
49	Occurrence and exposure risk assessment of organic micropollutants in indoor dust from Malaysia. Chemosphere, 2022, 287, 132340.	8.2	8
50	Simultaneous determination of arsenic, selenium and antimony by hydride generation/ICP-MS.. Bunseki Kagaku, 1997, 46, 849-855.	0.2	7
51	Contaminants in Liquid Organic Fertilizers Used for Agriculture in Japan. Bulletin of Environmental Contamination and Toxicology, 2017, 99, 131-137.	2.7	7
52	Chemical Pollution in Coastal Waters around Kitakyushu City and Their Origins.. Journal of Environmental Chemistry, 1998, 8, 435-453.	0.2	7
53	Determination of trace 2,4,6-triamino-1,3,5-triazine in water using the activated carbon adsorption method and GC/MS.. Bunseki Kagaku, 1986, 35, 875-879.	0.2	6
54	Inflow and outflow loads of 484 daily-use chemicals in wastewater treatment plants across Japan. Environmental Monitoring and Contaminants Research, 2021, 1, 1-16.	0.9	6

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55	Determination of hydrophilic alcohols from aquatic environment by solid-phase microextaction and GC/MS.. Bunseki Kagaku, 1996, 45, 1013-1018.	0.2	5
56	Identification of Spontaneous Conversion Products of Unstable 2,4,6-Trinitrotoluene Metabolites, Hydroxylamino-dinitrotoluenes, by Combination of Thin-Layer Chromatography and Laser Time-of-Flight Mass Spectrometry. Journal of Chromatographic Science, 2007, 45, 345-349.	1.4	5
57	Modification of umu Test Using the Bioluminescent Bacteria and Application to Sediments and Soils.. Journal of Environmental Chemistry, 2001, 11, 841-848.	0.2	5
58	Comprehensive analyses of agrochemicals affecting aquatic ecosystems: A case study of Odonata communities and macrophytes in Saga Plain, northern Kyushu, Japan. Environmental Pollution, 2022, 292, 118334.	7.5	5
59	Development of Rapid Screening Method for Organic Pollutants in Soils and Sediments with Microwave Extraction. Bunseki Kagaku, 2013, 62, 971-978.	0.2	4
60	Comprehensive target analysis of micropollutants in soil at debris storage sites of the Kumamoto earthquake. Soil and Sediment Contamination, 2020, 29, 452-463.	1.9	4
61	Occurrence and Effects of Endocrine-disrupting Chemicals in Frogs and Soil Samples.. Journal of Environmental Chemistry, 2000, 10, 35-43.	0.2	4
62	Simultaneous determination of traces of hydrophilic and volatile compounds in water by solid-phase microextraction and GC/MS.. Bunseki Kagaku, 2001, 50, 685-693.	0.2	3
63	Evaluation of identification accuracy using AIQS for GC-MS for measuring heavily contaminated samples. Chemosphere, 2021, 285, 131401.	8.2	3
64	Distributions and Behavior of Chemical Substances in Dokai Bay. An Enclosed Sea.. Journal of Japan Society on Water Environment, 2001, 24, 441-446.	0.4	3
65	Screening of TNT-biodegrable Bacteria in Soils Polluted by 2,4,6-Trinitroluene. Journal of Environmental Chemistry, 2003, 13, 695-704.	0.2	3
66	Disaster Response on Soil Contamination by Spilled Oil in Flood Situation using Automated Identification and Quantification Systems (AIQS). Journal of Environmental Chemistry, 2020, 30, 57-65.	0.2	3
67	Crucial problem in rapid spectrophotometric determination of 2,4,6-trinitrotoluene and its breakthrough method. Journal of Microbiological Methods, 2006, 66, 568-571.	1.6	2
68	Examination of Wide Use Target Screening System for GC/MS. Bunseki Kagaku, 2015, 64, 43-50.	0.2	2
69	Quinolone Signals Related to Pseudomonas Quinolone Signal-Quorum Sensing Inhibits the Predatory Activity of Bdellovibrio bacteriovorus. Frontiers in Microbiology, 2021, 12, 722579.	3.5	2
70	Environmental Monitoring during Disasters using Automated Identification and Quantification System (AIQS) -Utilization in the Great East Japan Earthquake-. Journal of Environmental Chemistry, 2019, 29, 129-137.	0.2	2
71	Chemical and biological impact of effluent from edible bamboo shoot canning factory on a stream. Bulletin of Environmental Contamination and Toxicology, 1989, 42, 628-633.	2.7	1
72	Identification of Chemical Substances in Environmental Samples by Gas Chromatography/Mass Spectrometry.. Journal of Environmental Chemistry, 1995, 5, 47-64.	0.2	1

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73	Environmental surveys of toxic chemicals in aquatic environments in Japan. Lakes and Reservoirs: Research and Management, 2002, 7, 309-315.	0.9	1
74	Photodegradation of Organic Compounds in Tap Water using High Reactive Titanium Dioxide. Journal of Environmental Chemistry, 2005, 15, 847-853.	0.2	1
75	Comparison of Concentrations between Commercially Available Pesticides Standard Solutions. Bunseki Kagaku, 2008, 57, 825-831.	0.2	1
76	Occurrence of Organochlorine Pesticides and Polychlorinated Bisphenyls in Foodstuffs from Shandong Peninsula, China. Journal of Environmental Chemistry, 2014, 24, 125-134.	0.2	1
77	Determination of Organophosphoric Acid Triesters in Aquatic Environmental Samples by GC/MS.. Journal of Environmental Chemistry, 1995, 5, 821-827.	0.2	1
78	Determination of 1,2,5,6,9,10-hexabromocyclododecane in Environmental Samples. Journal of Environmental Chemistry, 2005, 15, 561-568.	0.2	1
79	The rapid survey method of chemical contamination in floods caused by Typhoon Hagibis by combining in vitro bioassay and comprehensive analysis. Environment International, 2022, 159, 107017.	10.0	1
80	Determination of trace n-alkanes in seawater by gas chromatography mass spectrometry using deuterated internal standards.. Bunseki Kagaku, 1985, 34, 114-118.	0.2	0
81	Accumulation Levels and Spatial Distributions of Organochlorine Pesticides in Crucian Carp (Carassius auratus (gibelio) langsdorfii) in Japan. Journal of Environmental Chemistry, 2011, 21, 57-68.	0.2	0
82	Congener-specific analysis of polychlorinated dibenzo-p-dioxins, dibenzofurans, and coplanar polychlorinated biphenyls in frogs and their habitats, Kitakyushu, Japan. Environmental Toxicology and Chemistry, 2002, 21, 129-37.	4.3	0