Takashi Tomiyasu

List of Publications by Year
in descending order

67	1,091	394421	477307
papers	citations	19 h-index	29 g-index

67	67	67	959
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Enthalpy profile of pH-induced flocculation and redispersion of polyacrylic acid-coated nanoparticles in protic ionic liquid, N,N-diethylethanolammonium trifluoromethanesulfonate. Journal of Molecular Liquids, 2022, 349, 118146.	4.9	1
2	Distribution, alkylation, and migration of mercury in soil discharged from the Itomuka mercury mine. Science of the Total Environment, 2022, 815, 152492.	8.0	5
3	Seasonal variation in mercury species in seawater of Kagoshima Bay, southern Kyushu, Japan: The impact of active submarine volcanos on the inner bay. Marine Chemistry, 2022, 244, 104133.	2.3	4
4	The influence of submarine volcano on seasonal changes in arsenic in the waters of Kagoshima Bay, southwestern Japan. Environmental Earth Sciences, 2021, 80, 1.	2.7	5
5	Effects of forest fires on mercury accumulation in soil at the artisanal small-scale gold mining. Environmental Monitoring and Assessment, 2021, 193, 699.	2.7	4
6	Mercury speciation in preserved historical sludge: Potential risk from sludge contained within reclaimed land of Minamata Bay, Japan. Environmental Research, 2020, 180, 108668.	7.5	11
7	Detailed investigation of methylmercury accumulation in rice grain from Hg2+-spiked non-contaminated paddy field soils. Chemosphere, 2020, 247, 125827.	8.2	5
8	Mercury concentrations in paddy field soil and freshwater snails around a small-scale gold mining area, West Java, Indonesia. Toxicology and Environmental Health Sciences, 2020, 12, 23-29.	2.1	8
9	Distribution of total and organic mercury in soils around an artisanal and small-scale gold mining area in West Java, Indonesia. SN Applied Sciences, 2020, 2, 1.	2.9	6
10	Contamination, Decomposition, and Formation of N-Nitrosodimethylamine in Water Samples at the ng/L Level of Determination. Analytical Sciences, 2020, 36, 1393-1397.	1.6	3
11	â€œAnalytical Chemistry for Environmental Sciencesâ€• Analytical Sciences, 2019, 35, 715-715.	1.6	0
12	Transport of mercury species by river from artisanal and small-scale gold mining in West Java, Indonesia. Environmental Science and Pollution Research, 2019, 26, 25262-25274.	5.3	16
13	Proton Thermodynamics in a Protic Ionic Liquid, Ethylammonium Nitrate. Chemistry - A European Journal, 2019, 25, 13500-13503.	3.3	3
14	Time variation in transfer amounts of mercury by a river system near an artisanal and small-scale gold mining area in West Java, Indonesia. Environmental Earth Sciences, 2019, 78, 1.	2.7	3
15	Development of Estimation Method of ²²²Rn Level in Water Considering Its Diffusion from Polyethylene Bottle to Atmosphere. Bunseki Kagaku, 2019, 68, 333-338.	0.2	1
16	Validation of pH Standards and Estimation of the Activity Coefficients of Hydrogen and Chloride Ions in an Ionic Liquid, Ethylammonium Nitrate. Journal of Physical Chemistry B, 2018, 122, 10593-10599.	2.6	2
17	Behavior of mercury from the fumarolic activity of Mt. Myoko, Japan: production of methylmercury and ethylmercury in forest soil. Environmental Earth Sciences, 2018, 77, 1.	2.7	8
18	Distribution of total mercury and methylmercury around the small-scale gold mining area along the Cikaniki River, Bogor, Indonesia. Environmental Science and Pollution Research, 2017, 24, 2643-2652.	5.3	21

#	Article	IF	Citations
19	Ultra-sensitive HPLC-photochemical reaction-luminol chemiluminescence method for the measurement of secondary amines after nitrosation. Analytica Chimica Acta, 2017, 952, 50-58.	5.4	13
20	The influence of sample drying and storage conditions on methylmercury determination in soils and sediments. Chemosphere, 2017, 173, 380-386.	8.2	18
21	Copper(II) Chloro Complex Formation Thermodynamics and Structure in Ionic Liquid, 1-Butyl-3-Methylimidazolium Trifluoromethanesulfonate. Journal of Physical Chemistry B, 2017, 121, 9659-9665.	2.6	6
22	The dynamics of mercury near Idrija mercury mine, Slovenia: Horizontal and vertical distributions of total, methyl, and ethyl mercury concentrations in soils. Chemosphere, 2017, 184, 244-252.	8.2	34
23	An inter-laboratory comparison of different analytical methods for the determination of monomethylmercury in various soil and sediment samples: A platform for method improvement. Chemosphere, 2017, 169, 32-39.	8.2	12
24	A pH Scale for the Protic Ionic Liquid Ethylammonium Nitrate. Angewandte Chemie - International Edition, 2016, 55, 6266-6269.	13.8	34
25	Rapid method for monitoring N-nitrosodimethylamine in drinking water at the ng/L level without pre-concentration using high-performance liquid chromatography-chemiluminescence detection. Journal of Chromatography A, 2016, 1460, 202-206.	3.7	25
26	A pH Scale for the Protic Ionic Liquid Ethylammonium Nitrate. Angewandte Chemie, 2016, 128, 6374-6377.	2.0	22
27	Influence of submarine fumaroles on the seasonal changes in mercury species in the waters of Kagoshima Bay, Japan. Marine Chemistry, 2015, 177, 763-771.	2.3	9
28	Distribution of mercury in sediments from Kagoshima Bay, Japan, and its relationship with physical and chemical factors. Environmental Earth Sciences, 2015, 74, 1175-1188.	2.7	28
29	Development of a deep-sea mercury sensor using <i>in situ</i> anodic stripping voltammetry. Geochemical Journal, 2015, 49, 613-620.	1.0	4
30	Estimation of the residual total mercury in marine sediments of Minamata Bay after a pollution prevention project. Marine Chemistry, 2014, 159, 19-24.	2.3	19
31	Variations in Atmospheric Mercury Concentration in Kagoshima City During 2010 â€“ 2012. Bunseki Kagaku, 2014, 63, 17-21.	0.2	5
32	The distribution of mercury around the small-scale gold mining area along the Cikaniki river, Bogor, Indonesia. Environmental Research, 2013, 125, 12-19.	7.5	39
33	Selective determination method for measurement of methylmercury and ethylmercury in soil/sediment samples using high-performance liquid chromatographyâ€“chemiluminescence detection coupled with simple extraction technique. Journal of Chromatography A, 2013, 1288, 155-159.	3.7	25
34	Sensitive Determination Method for Mercury Ion, Methyl-, Ethyl-, and Phenyl-mercury in Water and Biological Samples Using High-Performance Liquid Chromatography with Chemiluminescence Detection. Analytical Sciences, 2012, 28, 959-965.	1.6	51
35	Using native epiphytic ferns to estimate the atmospheric mercury levels in a small-scale gold mining area of West Java, Indonesia. Chemosphere, 2012, 89, 241-248.	8.2	18
36	The distribution of total and methylmercury concentrations in soils near the Idrija mercury mine, Slovenia, and the dependence of the mercury concentrations on the chemical composition and organic carbon levels of the soil. Environmental Earth Sciences, 2012, 65, 1309-1322.	2.7	34

#	Article	IF	Citations
37	Determination of Organic and Inorganic Mercury Species as Emetine Dithiocarbamate Complexes by High-Performance Liquid Chromatography with Electrogenerated Tris(2,2â€²-bipyridine)ruthenium(III) Chemiluminescence Detection. Analytical Letters, 2011, 44, 2769-2779.	1.8	14
38	Mercury Speciation in the Water of Minamata Bay, Japan. Water, Air, and Soil Pollution, 2011, 218, 399-412.	2.4	33
39	Mercury Distribution in Seawater of Kagoshima Bay near the Active Volcano, Mt. Sakurajima in Japan. Bulletin of Environmental Contamination and Toxicology, 2010, 84, 477-481.	2.7	7
40	Biomonitoring of atmospheric mercury levels with the epiphytic fern Lepisorus thunbergianus (Polypodiaceae). Chemosphere, 2009, 77, 1387-1392.	8.2	9
41	Speciation of mercury in water at the bottom of Minamata Bay, Japan. Marine Chemistry, 2008, 112, 102-106.	2.3	35
42	Influence of submarine fumaroles on the distribution of mercury in the sediment of Kagoshima Bay, Japan. Marine Chemistry, 2007, 107, 173-183.	2.3	14
43	Seasonal change and vertical movement of atmospheric mercury at Kagoshima city in relation with Sakurajima Volcano, Japan. Geochemical Journal, 2006, 40, 253-263.	1.0	12
44	Spatial variations of mercury in sediment of Minamata Bay, Japan. Science of the Total Environment, 2006, 368, 283-290.	8.0	65
45	A Kinetic Method for the Determination of Copper(II) by Its Catalytic Effect on the Oxidation of 3-Methyl-2-benzothiazolinone Hydrazone with Hydrogen Peroxide: A Mechanistic Study. Analytical Sciences, 2005, 21, 917-922.	1.6	11
46	Low level mercury uptake by plants from natural environments--mercury distribution in Solidago altissima L.-. Environmental Sciences: an International Journal of Environmental Physiology and Toxicology, 2005, 12, 231-8.	0.1	2
47	Kinetic Determination of Total Iodine in Urine and Foodstuffs Using a Mixed Acid as a Pretreatment Agent. Analytical Sciences, 2004, 20, 391-393.	1.6	19
48	Vertical variations in the concentration of mercury in soils around Sakurajima Volcano, Southern Kyushu, Japan. Science of the Total Environment, 2003, 304, 221-230.	8.0	34
49	A Kinetic Method for the Determination of Nitrite by Its Catalytic Effect on the Oxidation of Chlorpromazine with Nitric Acid.. Analytical Sciences, 2001, 17, 1437-1440.	1.6	11
50	Kinetic study of the iron-catalyzed reaction of the oxidative coupling reaction of 3-methyl-2-benzothiazolinone hydrazone with N , N -dimethylaniline. Analytica Chimica Acta, 2000, 424, 127-137.	5.4	3
51	Mercury contamination in the Yatsushiro Sea, south-western Japan: spatial variations of mercury in sediment. Science of the Total Environment, 2000, 257, 121-132.	8.0	78
52	Background levels of atmospheric mercury in Kagoshima City, and influence of mercury emission from Sakurajima Volcano, Southern Kyushu, Japan. Science of the Total Environment, 2000, 259, 231-237.	8.0	24
53	Kinetic method for the determination of iron(II, III) by its catalytic effect on the oxidation of 3-methyl-2-benzothiazolinone hydrazone with hydrogen peroxide. Analytica Chimica Acta, 1999, 394, 55-63.	5.4	14
54	Sedimentary environments based on textures of surface sediments and sedimentation rates in the South Yatsushiro Kai (Sea), southwest Kyushu, Japan. Journal of the Sedimentological Society of Japan, 1998, 48, 67-84.	0.3	13

#	Article	IF	Citations
55	Kinetic-mechanistic study of the chlorpromazine-hydrogen peroxide reaction catalyzed by molybdenum(VI) and tungsten(VI), and their differential determination. Analytica Chimica Acta, 1997, 349, 43-52.	5.4	12
56	A Kinetic Study of the Iron Catalyzed ChlorpromazineHydrogen Peroxide Reaction and Its Analytical Implications.. Analytical Sciences, 1996, 12, 243-248.	1.6	5
57	Catalytic Determination of Iron by a Fixed-Time Method Using the Oxidation Reaction of Chlorpromazine with Hydrogen Peroxide.. Analytical Sciences, 1996, 12, 507-509.	1.6	7
58	Differential Determination of Organic Mercury and Inorganic Mercury in Sediment, Soil and Aquatic Organisms by Cold-Vapor Atomic Absorption Spectrometry.. Analytical Sciences, 1996, 12, 477-481.	1.6	17
59	Spectrophotometric Determination of Trace Amounts of Tungsten(VI) Based on Its Inhibitory Effect for the Red Intermediate Formation on the Iron(II) Catalyzed Chlorpromazine-Hydrogen Peroxide Reaction.. Analytical Sciences, 1996, 12, 899-903.	1.6	4
60	Kinetic and mechanistic study of the chlorpromazine-hydrogen peroxide reaction for the catalytic spectrophotometric determination of iodide. Analytica Chimica Acta, 1996, 320, 217-227.	5.4	9
61	The contents and chemical forms of mercury in sediments from Kagoshima Bay, in comparison with Minamata Bay and Yatsushiro Sea, southwestern Japan.. Geochemical Journal, 1995, 29, 97-105.	1.0	35
62	Kinetic spectrophotometric determination of traces of tungsten(VI) by the catalytic reaction of chlorpromazine with hydrogen peroxide. A mechanistic study. Analytica Chimica Acta, 1995, 312, 179-187.	5.4	17
63	Spectrophotometric Determination of Trace Amounts of Iron by Its Catalytic Effect on the Chlorpromazine-Hydrogen Peroxide Reaction. Analytical Sciences, 1994, 10, 761-764.	1.6	9
64	Differential Determination of Iodate and Iodide by a Kinetic-Catalytic Method.. Analytical Sciences, 1994, 10, 293-297.	1.6	4
65	Spectrophotometric Determination of Trace Amounts of Iodide by Its Catalytic Effect on the Chlorpromazine-Hydrogen Peroxide Reaction. Analytical Sciences, 1992, 8, 293-298.	1.6	14
66	Differential Determination of Organic Mercury, Mercury(II) Oxide and Mercury(II) Sulfide in Sediments by Cold Vapor Atomic Absorption Spectrometry.. Analytical Sciences, 1992, 8, 35-39.	1.6	43
67	Simultaneous spectrophotometric determination of traces of bromide and iodide based on their catalytic effects on Pyrocatechol Violet-hydrogen peroxide reaction.. Analytical Sciences, 1989, 5, 175-179.	1.6	15