

Yasuyuki Shibata

List of Publications by Year in descending order

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79
papers

1,714
citations

279798

23
h-index

315739

38
g-index

80
all docs

80
docs citations

80
times ranked

1764
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization of organic arsenic compounds in bivalves. Applied Organometallic Chemistry, 1992, 6, 343-349.	3.5	126
2	Speciation of Arsenic by Reversed-Phase High Performance Liquid Chromatography-Inductively Coupled Plasma Mass Spectrometry. Analytical Sciences, 1989, 5, 107-109.	1.6	122
3	Increasing summer rainfall in arid eastern-Central Asia over the past 8500 years. Scientific Reports, 2014, 4, 5279.	3.3	99
4	State dependence of climatic instability over the past 720,000 years from Antarctic ice cores and climate modeling. Science Advances, 2017, 3, e1600446.	10.3	86
5	Speciation of Arsenic Compounds in Marine Life by High Performance Liquid Chromatography Combined with Inductively Coupled Argon Plasma Atomic Emission Spectrometry. Analytical Sciences, 1987, 3, 575-577.	1.6	71
6	Aquatic Global Passive Sampling (AQUA-GAPS) Revisited: First Steps toward a Network of Networks for Monitoring Organic Contaminants in the Aquatic Environment. Environmental Science & Technology, 2017, 51, 1060-1067.	10.0	61
7	Direct observation of the rapid turnover of the Japan Sea bottom water by means of AMS radiocarbon measurement. Geophysical Research Letters, 1998, 25, 651-654.	4.0	57
8	Radiocarbon content and stable carbon isotopic ratios of individual fatty acids in subsurface soil: Implication for selective microbial degradation and modification of soil organic matter. Geochemical Journal, 2007, 41, 483-492.	1.0	54
9	Marine Radiocarbon Reservoir Effect in the Western North Pacific Observed in Archaeological Fauna. Radiocarbon, 2001, 43, 465-471.	1.8	52
10	Arsenic compounds in the edible red alga, Porphyra tenera, and innori and yakinori, food items produced from red algae. Applied Organometallic Chemistry, 1990, 4, 255-260.	3.5	49
11	Compound specific radiocarbon and $\delta^{13}\text{C}$ measurements of fatty acids in a continental aerosol sample. Geophysical Research Letters, 2001, 28, 4587-4590.	4.0	45
12	Arsenic Compounds in Zoo- and Phyto-plankton of Marine Origin. Applied Organometallic Chemistry, 1996, 10, 713-719.	3.5	43
13	Dietary Reconstruction of the Okhotsk Culture of Hokkaido, Japan, Based on Nitrogen Composition of Amino Acids: Implications for Correction of $\delta^{14}\text{C}$ Marine Reservoir Effects on Human Bones. Radiocarbon, 2010, 52, 671-681.	1.8	38
14	Compound-Specific Radiocarbon Ages of Fatty Acids in Marine Sediments from the Western North Pacific. Radiocarbon, 2001, 43, 949-956.	1.8	35
15	Synthesis of fused pyrimidines with N- and S-heterocyclic moieties by double-annulation reaction. Journal of Heterocyclic Chemistry, 2001, 38, 743-747.	2.6	33
16	Marine Reservoir Correction in the South of Vietnam Estimated from An Annually-Banded Coral. Radiocarbon, 2004, 46, 657-660.	1.8	33
17	Arsenic compounds in marine sponge (Haliclona permolis, Halichondria japonica, Halichondria okadai) Tj ETQq1 1 0.784314 rgBT /Over 261-265.	3.5	29
18	Analysis of diphenylarsinic acid in human and environmental samples by HPLC-ICP-MS. Applied Organometallic Chemistry, 2005, 19, 276-281.	3.5	29

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19	Episodic methane release events from Last Glacial marginal sediments in the western North Pacific. <i>Geochemistry, Geophysics, Geosystems</i> , 2004, 5, .	2.5	27
20	Detection of arsenobetaine in human blood. <i>Applied Organometallic Chemistry</i> , 1994, 8, 249-251.	3.5	25
21	Synthesis of new heterocondensed pteridines. <i>Journal of Heterocyclic Chemistry</i> , 2001, 38, 1173-1177.	2.6	25
22	Signs of biological activities of 28,000-year-old mammoth nuclei in mouse oocytes visualized by live-cell imaging. <i>Scientific Reports</i> , 2019, 9, 4050.	3.3	25
23	Seasonal distribution, age, growth, and reproductive biology of marbled sole <i>Pleuronectes yokohamae</i> in Tokyo Bay, Japan. <i>Fisheries Science</i> , 2006, 72, 289-298.	1.6	24
24	Radiocarbon and Stable Isotope Analyses on the Earliest Jomon Skeletons from the Tochibara Rockshelter, Nagano, Japan. <i>Radiocarbon</i> , 2002, 44, 549-557.	1.8	23
25	Tropical South China Sea Surface ¹⁴ C Record in an Annually-Banded Coral. <i>Radiocarbon</i> , 2007, 49, 905-914.	1.8	23
26	Arsenic-containing ribofuranosides and dimethylarsinic acid in green seaweed, <i>Codium fragile</i> . <i>Applied Organometallic Chemistry</i> , 1988, 2, 365-369.	3.5	22
27	¹⁰ Be record and magnetostratigraphy of a Miocene section from Lake Baikal: Re-examination of the age model and its implication for climatic changes in continental Asia. <i>Geophysical Research Letters</i> , 2003, 30, .	4.0	22
28	Foraminiferal isotope anomalies from northwestern Pacific marginal sediments. <i>Geochemistry, Geophysics, Geosystems</i> , 2005, 6, n/a-n/a.	2.5	21
29	Determination of selenite and selenomethionine by HPLC-HG-high power N ₂ -MIP-MS: a suitable coupling for selenium speciation. <i>Journal of Analytical Atomic Spectrometry</i> , 2000, 15, 913-919.	3.0	20
30	Radiocarbon Content in Urban Atmospheric Aerosols. <i>Water, Air, and Soil Pollution</i> , 2007, 185, 305-310.	2.4	20
31	Seasonal Radiocarbon Variation of Surface Seawater Recorded in A Coral from Kikai Island, Subtropical Northwestern Pacific. <i>Radiocarbon</i> , 2004, 46, 643-648.	1.8	19
32	Synthesis of New Fused Pyrimidines by Isocyanate and Isothiocyanate.. <i>Chemical and Pharmaceutical Bulletin</i> , 2001, 49, 391-395.	1.3	18
33	Recent decline of DDTs among several organochlorine pesticides in background air in East Asia. <i>Environmental Pollution</i> , 2016, 217, 134-142.	7.5	18
34	First report of perfluoroalkyl substances in South African Odonata. <i>Chemosphere</i> , 2017, 175, 153-160.	8.2	18
35	Radiocarbon Marine Reservoir Ages in the Northwestern Pacific Off Hokkaido Island, Japan, During the Last Deglacial Period. <i>Radiocarbon</i> , 2007, 49, 963-968.	1.8	16
36	Identification and quantitation of steroid hormones in marine gastropods by GC/MS.. <i>Bunseki Kagaku</i> , 2001, 50, 247-255.	0.2	15

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37	Seasonal and Secular Variations of Atmospheric ^{14}C Over the Western Pacific Since 1994. <i>Radiocarbon</i> , 2004, 46, 901-910.	1.8	15
38	Effects of Vegetation Switch and Subsequent Change in Soil Invertebrate Composition on Soil Carbon Accumulation Patterns, Revealed by Radiocarbon Concentrations. <i>Radiocarbon</i> , 2010, 52, 1471-1486.	1.8	15
39	Diphenylarsinic acid produces behavioral effects in mice relevant to symptoms observed in citizens who ingested polluted well water. <i>Neurotoxicology and Teratology</i> , 2012, 34, 143-151.	2.4	15
40	Estimation of arsenobetaine in the NIES candidate certified reference material no. 18 human urine by HPLC-ICP-MS using different chromatographic conditions. <i>Applied Organometallic Chemistry</i> , 2001, 15, 306-314.	3.5	14
41	Chronology of the Yayoi skeletal remains from the Kanto district, Japan: a preliminary re-evaluation by radiocarbon dating of postcranial material. <i>Anthropological Science</i> , 2005, 113, 169-182.	0.4	13
42	Temporal and spatial variations of radiocarbon in Japan Sea bottom water. <i>Journal of Oceanography</i> , 2008, 64, 429-441.	1.7	13
43	Radiostrontium monitoring of bivalves from the Pacific coast of eastern Japan. <i>Environmental Science and Pollution Research</i> , 2016, 23, 17095-17104.	5.3	13
44	Characterization of water-soluble organoarsenic compounds in marine sponges. <i>Applied Organometallic Chemistry</i> , 2006, 20, 545-548.	3.5	12
45	Long-term accumulation of diphenylarsinic acid in the central nervous system of cynomolgus monkeys. <i>Archives of Toxicology</i> , 2017, 91, 2799-2812.	4.2	12
46	Synthesis of phenyl arsenic analytical standards related to contaminated well water in Kamisu, Ibaraki, Japan. <i>Applied Organometallic Chemistry</i> , 2005, 19, 282-286.	3.5	10
47	Seasonal Variation in Sources of Dissolved Organic Carbon in a Lacustrine Environment Revealed by Paired Isotopic Measurements (^{14}C and ^{13}C). <i>Radiocarbon</i> , 2007, 49, 767-773.	1.8	10
48	Lead and cadmium in indoor dust in Japanese houses. <i>Indoor Environment</i> , 2008, 11, 93-101.	0.1	10
49	Contributions of modern and dead organic carbon to individual fatty acid homologues in spring aerosols collected from northern Japan. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	10
50	Detection of diphenylarsinic acid and its derivatives in human serum and cerebrospinal fluid. <i>Clinica Chimica Acta</i> , 2014, 431, 227-231.	1.1	10
51	Brain regions and monoaminergic neurotransmitters that are involved in mouse ambulatory activity promoted by bupropion. <i>Toxicology Reports</i> , 2016, 3, 552-562.	3.3	9
52	Selective and comprehensive analysis of organohalogen compounds by GC- $\mu\text{A}-\text{GC}$ -HRTofMS and MS/MS. <i>Environmental Science and Pollution Research</i> , 2018, 25, 7135-7146.	5.3	9
53	Elemental Composition of Japanese House Dust and the Source of Lead. <i>Indoor Environment</i> , 2008, 11, 11-20.	0.1	9
54	Temporal Variation of Radiocarbon Concentration in Airborne Particulate Matter in Tokyo. <i>Radiocarbon</i> , 2004, 46, 485-490.	1.8	8

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55	Micro-Laser Ablation System Combined with Inductively Coupled Plasma Mass Spectrometry for the Determination of Elemental Composition in the Micron Range.. <i>Analytical Sciences</i> , 1993, 9, 129-131.	1.6	7
56	Environmental fate of pesticides used in Australian viticulture V. Behaviour of atrazine in the soils of the south Australian Riverland. <i>Toxicological and Environmental Chemistry</i> , 1999, 70, 427-439.	1.2	6
57	High Contribution of Recalcitrant Organic Matter to DOC in a Japanese Oligotrophic Lake Revealed by ¹⁴ C Measurements. <i>Radiocarbon</i> , 2010, 52, 1078-1083.	1.8	6
58	A Novel, Trimethylated Arseno-sugar Isolated from the Brown Alga <i>Sargassum thunbergii</i> . <i>Agricultural and Biological Chemistry</i> , 1988, 52, 1087-1089.	0.3	5
59	Synthesis of Arsenical Adduct: Synthesis and Transformation of Dimercapto Compound to Arsenical Adduct. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2002, 177, 497-509.	1.6	5
60	Identification of isobutyl angelate, isoamyl angelate and 2-methylbutyl isobutyrate as active constituents in Roman chamomile essential oil that promotes mouse ambulation. <i>Flavour and Fragrance Journal</i> , 2017, 32, 433-439.	2.6	5
61	Simultaneous blood and brain microdialysis in a free-moving mouse to test blood-brain barrier permeability of chemicals. <i>Toxicology Reports</i> , 2020, 7, 1542-1550.	3.3	5
62	Different behavioral effect dose-response profiles in mice exposed to two-carbon chlorinated hydrocarbons: Influence of structural and physical properties. <i>Toxicology and Applied Pharmacology</i> , 2014, 279, 103-112.	2.8	4
63	High-sensitivity quantitative analysis reveals the non-linear relationship between the dose and deposition of diphenylarsinic acid in the rat central nervous system following its subchronic exposure. <i>Neurotoxicology and Teratology</i> , 2018, 65, 26-33.	2.4	4
64	Toxicokinetic characteristics and effects of diphenylarsinic acid on dopamine in the striatum of free-moving mice. <i>NeuroToxicology</i> , 2021, 83, 106-115.	3.0	3
65	Determination of Diphenylarsinic Acid in Plants and Biological Samples by HPLC/MS/MS Using a Stable Isotope Labeled Compound. <i>Bunseki Kagaku</i> , 2006, 55, 41-44.	0.2	3
66	Determination of testosterone in an individual shell of <i>Thais clavigera</i> by ELISA.. <i>Bunseki Kagaku</i> , 2002, 51, 21-27.	0.2	2
67	Variation of $\delta^{14}\text{C}$ and $\delta^{13}\text{C}$ Values of Dissolved Humic and Fulvic Acids in the Tokachi River System in Northern Japan. <i>Radiocarbon</i> , 2013, 55, 1007-1016.	1.8	2
68	¹²⁹ I/ ¹²⁷ I and ¹⁴ C records in a modern coral from Rowley Shoals off northwestern Australia reflect the 20th-century human nuclear activities and ocean/atmosphere circulations. <i>Journal of Environmental Radioactivity</i> , 2021, 235-236, 106593.	1.7	2
69	Oil Spill Accident in the Japan Sea. On the Chemical Analysis of Crude Oil and Oil Products.. <i>Journal of Environmental Chemistry</i> , 1997, 7, 577-593.	0.2	2
70	Investigation of the Adducts Formed by Reaction of Butenedioic Acids with Adenosine. <i>Chemical Research in Toxicology</i> , 1997, 10, 1186-1191.	3.3	1
71	Radiocarbon age differences between benthic-planktonic foraminifera in sediment cores from the Shatsky Rise, central North Pacific. <i>Journal of the Sedimentological Society of Japan</i> , 2017, 76, 17-27.	0.3	1
72	ESPR special issue on Asian environmental chemistry. <i>Environmental Science and Pollution Research</i> , 2018, 25, 7099-7100.	5.3	1

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73	Spatial Distribution of $\delta^{14}\text{C}$ Values of Organic Matter in Surface Sediments Off Saru River in Northern Japan, One Year After a Flood Event in 2006. <i>Radiocarbon</i> , 2010, 52, 1068-1077.	1.8	0
74	Radioactive cesium concentrations in Barn Swallow (<i>Hirundo rustica</i>) nests throughout Japan just after the 2011 Fukushima Nuclear accident. <i>Japanese Journal of Ornithology</i> , 2015, 64, 63-69.	0.1	0
75	Environmental Dynamics of Toxaphene and Its Determination by Gas Chromatography-Mass Spectrometry. <i>Journal of Environmental Chemistry</i> , 2003, 13, 343-367.	0.2	0
76	Protection of Wildlife and Monitoring of Pollution in the Environment : Environmental Monitoring and Specimen Banking. <i>Japanese Journal of Zoo and Wildlife Medicine</i> , 2007, 12, 19-26.	0.2	0
77	Variation of $\delta^{14}\text{C}$ and $\delta^{13}\text{C}$ Values of Dissolved Humic and Fulvic Acids in the Tokachi River System in Northern Japan. <i>Radiocarbon</i> , 2013, 55, .	1.8	0
78	Second SETAC World Congress Report. <i>Journal of Environmental Chemistry</i> , 1995, 5, 847-855.	0.2	0
79	Study on Hexabromocyclododecane and Benzotriazole UV Stabilizers in the Water Environment in Japan, via the Joint Environmental Research for National Institute for Environmental Studies with Regional Institutes, "The Survey of the Emission Sources and Destiny of Chemicals under Chemical Substances Control Law". <i>Journal of Environmental Chemistry</i> , 2018, 28, 69-75.	0.2	0