Hyoe Takata

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/3994113/publications.pdf

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29	516	516710	677142
papers	citations	16 h-index	22 g-index

32	32	32	437
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Remobilization of radiocesium on riverine particles in seawater: The contribution of desorption to the export flux to the marine environment. Marine Chemistry, 2015, 176, 51-63.	2.3	41
2	Rapid determination of total iodine in Japanese coastal seawater using SF-ICP-MS. Microchemical Journal, 2012, 100, 42-47.	4.5	37
3	Decline in radiocesium in seafloor sediments off Fukushima and nearby prefectures. Journal of Oceanography, 2017, 73, 529-545.	1.7	37
4	Appearances of Fukushima Daiichi Nuclear Power Plant-Derived ¹³⁷Cs in Coastal Waters around Japan: Results from Marine Monitoring off Nuclear Power Plants and Facilities, 1983â€“2016. Environmental Science & Technology, 2018, 52, 2629-2637.	10.0	31
5	Suspended Particleâ€“Water Interactions Increase Dissolved ¹³⁷Cs Activities in the Nearshore Seawater during Typhoon Hagibis. Environmental Science & Technology, 2020, 54, 10678-10687.	10.0	27
6	Determination of 232Th in seawater by ICP-MS after preconcentration and separation using a chelating resin. Talanta, 2011, 85, 1772-1777.	5.5	26
7	The Contribution of Sources to the Sustained Elevated Inventory of ¹³⁷Cs in Offshore Waters East of Japan after the Fukushima Dai-ichi Nuclear Power Station Accident. Environmental Science & Technology, 2016, 50, 6957-6963.	10.0	24
8	Determination of naturally occurring uranium concentrations in seawater, sediment, and marine organisms in Japanese estuarine areas. Journal of Radioanalytical and Nuclear Chemistry, 2011, 287, 795-799.	1.5	23
9	Bromine and iodine in Japanese soils determined with polarizing energy dispersive X-ray fluorescence spectrometry. Soil Science and Plant Nutrition, 2015, 61, 751-760.	1.9	22
10	Long Term Temporal Changes of ⁹⁰Sr and ¹³⁷Cs in Seawater, Bottom Sediment and Marine Organism Samples - from the Chernobyl Accident to Immediately after the Fukushima Accident -. Bunseki Kagaku, 2013, 62, 455-474.	0.2	21
11	Processes controlling cobalt distribution in two temperate estuaries, Sagami Bay and Wakasa Bay, Japan. Estuarine, Coastal and Shelf Science, 2010, 89, 294-305.	2.1	20
12	Temporal variation of cesium isotope concentrations and atom ratios in zooplankton in the Pacific off the east coast of Japan. Scientific Reports, 2017, 7, 39874.	3.3	20
13	A 30-year record reveals re-equilibration rates of 137Cs in marine biota after the Fukushima Dai-ichi nuclear power plant accident: Concentration ratios in pre- and post-event conditions. Science of the Total Environment, 2019, 675, 694-704.	8.0	20
14	Temporal trends of 137Cs concentration in seawaters and bottom sediments in coastal waters around Japan: implications for the Kd concept in the dynamic marine environment. Journal of Radioanalytical and Nuclear Chemistry, 2020, 323, 567-580.	1.5	20
15	Distributions of Pu isotopes in seawater and bottom sediments in the coast of the Japanese archipelago before and soon after the Fukushima Dai-ichi Nuclear Power Station accident. Journal of Environmental Radioactivity, 2015, 142, 113-123.	1.7	19
16	Distribution coefficients (Kd) of strontium and significance of oxides and organic matter in controlling its partitioning in coastal regions of Japan. Science of the Total Environment, 2014, 490, 979-986.	8.0	18
17	The contribution of 137Cs export flux from the Tone River Japan to the marine environment. Science of the Total Environment, 2020, 701, 134550.	8.0	16
18	Distribution coefficients (K d) of stable iodine in estuarine and coastal regions, Japan, and their relationship to salinity and organic carbon in sediments. Environmental Monitoring and Assessment, 2013, 185, 3645-3658.	2.7	15

#	Article	IF	Citations
19	Sediment-Water Distribution Coefficients of Stable Elements in Four Estuarine Areas in Japan. Journal of Nuclear Science and Technology, 2010, 47, 111-122.	1.3	14
20	A new approach to evaluate factors controlling elemental sedimentâ€“seawater distribution coefficients (Kd) in coastal regions, Japan. Science of the Total Environment, 2016, 543, 315-325.	8.0	14
21	Importance of desorption process from Abukuma River's suspended particles in increasing dissolved 137Cs in coastal water during river-flood caused by typhoons. Chemosphere, 2021, 281, 130751.	8.2	11
22	Distributions of trace metals Co, Cu and Cd in northern Sagami Bay, Japan and their relationship to estuarine variables. Estuarine, Coastal and Shelf Science, 2012, 111, 84-94.	2.1	10
23	A sensitive and simple analytical method for the determination of stable Cs in estuarine and coastal waters. Analytical Methods, 2013, 5, 2558.	2.7	10
24	Radiocesiums (134Cs, 137Cs) in zooplankton in the waters of Miyagi, Fukushima and Ibaraki Prefectures. Journal of Radioanalytical and Nuclear Chemistry, 2015, 303, 1265-1271.	1.5	8
25	A comparative study of riverine 137Cs dynamics during high-flow events at three contaminated river catchments in Fukushima. Science of the Total Environment, 2022, 821, 153408.	8.0	5
26	Factors controlling dissolved 137Cs activities in coastal waters on the eastern and western sides of Honshu, Japan. Science of the Total Environment, 2022, 806, 151216.	8.0	2
27	Temporal variability of 137Cs concentrations in coastal sediments off Fukushima. Science of the Total Environment, 2022, 831, 154670.	8.0	2
28	Environmental recovery from 137Cs contamination in Japanese coastal waters shown by comparison of temporal distributions with European seas. Journal of Environmental Radioactivity, 2022, 251-252, 106961.	1.7	2
29	Radiocesium in the swash zones off the coast of the Japan Sea. Applied Radiation and Isotopes, 2018, 141, 64-67.	1.5	0