

# Anthropogenic radionuclides in seawater of the Far East

Science of the Total Environment

237-238, 203-212

DOI: [10.1016/S0048-9697\(99\)00136-9](https://doi.org/10.1016/S0048-9697(99)00136-9)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Collective dose estimates by the marine food pathway from liquid radioactive wastes dumped in the Sea of Japan. <i>Science of the Total Environment</i> , 1999, 237-238, 241-248.	8.0	10
2	Anthropogenic marine radioactivity. <i>Ocean and Coastal Management</i> , 2000, 43, 689-712.	4.4	173
3	Radiocarbon in Seawater at Radioactive Waste Dumping Sites in the Northeast Atlantic and Northwest Pacific. <i>Radiocarbon</i> , 2001, 43, 879-886.	1.8	13
4	Plutonium in sea waters of the western North Pacific. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2001, 248, 771-776.	1.5	41
5	Iodine-129 Concentrations in Marginal Seas of the North Pacific and Pacific-influenced Waters of the Arctic Ocean. <i>Marine Pollution Bulletin</i> , 2001, 42, 1347-1356.	5.0	30
6	Pu and Cs concentrations for zooplankton and nekton in the Northwest Pacific and Antarctic Oceans (1993-1996). <i>Marine Pollution Bulletin</i> , 2002, 44, 660-665.	5.0	15
7	Distribution of <sup>90</sup> Sr in coastal seawater, sediments and organisms off two atomic power stations in Korea. <i>Journal of Environmental Radioactivity</i> , 2002, 59, 105-112.	1.7	14
8	<sup>240</sup> Pu/ <sup>239</sup> Pu atom ratios in the bottom sediments of the NW Pacific Ocean. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2003, 258, 265-268.	1.5	23
9	Anthropogenic radionuclides in the Japan Sea: their distributions and transport processes. <i>Journal of Environmental Radioactivity</i> , 2003, 68, 249-267.	1.7	54
10	IAEA's 1997 expedition to the NW Pacific Ocean—results of oceanographic and radionuclide investigations of the water column. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2003, 50, 2607-2637.	1.4	129
11	Analysis of <sup>137</sup> Cs and <sup>239,240</sup> Pu concentrations in surface waters of the Pacific Ocean. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2003, 50, 2675-2700.	1.4	66
12	Temporal and spatial variations of anthropogenic radionuclides in Japan Sea waters. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2003, 50, 2701-2711.	1.4	29
13	Temporal variations of <sup>90</sup> Sr and <sup>137</sup> Cs concentrations in Japanese coastal surface seawater and sediments from 1974 to 1998. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2003, 50, 2713-2726.	1.4	25
14	Recent inputs and budgets of <sup>90</sup> Sr, <sup>137</sup> Cs, <sup>239,240</sup> Pu and <sup>241</sup> Am in the northwest Mediterranean Sea. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2003, 50, 2817-2834.	1.4	52
15	Oceanic general circulation model for the assessment of the distribution of <sup>137</sup> Cs in the world ocean. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2003, 50, 2803-2816.	1.4	38
16	Distribution of plutonium and americium in the marginal seas of the northwest Pacific Ocean. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2003, 50, 2727-2750.	1.4	54
17	Artificial Radionuclides Database in the Pacific Ocean: HAM Database. <i>Scientific World Journal</i> , The, 2004, 4, 200-215.	2.1	102
18	Plutonium isotopes in seas around the Korean Peninsula. <i>Science of the Total Environment</i> , 2004, 318, 197-209.	8.0	83

#	ARTICLE	IF	CITATIONS
19	Spatial distribution of $^3\text{H}$ , $^{90}\text{Sr}$ , $^{137}\text{Cs}$ and $^{239,240}\text{Pu}$ in surface waters of the Pacific and Indian Oceans – GLOMARD database. <i>Journal of Environmental Radioactivity</i> , 2004, 76, 113-137.	1.7	101
20	$^{90}\text{Sr}$ , $^{137}\text{Cs}$ and $^{239,240}\text{Pu}$ concentration surface water time series in the Pacific and Indian Oceans – WOMARS results. <i>Journal of Environmental Radioactivity</i> , 2005, 81, 63-87.	1.7	134
21	Vertical distributions of $^{239+240}\text{Pu}$ activities and $^{240}\text{Pu}/^{239}\text{Pu}$ atom ratios in sediment cores: implications for the sources of Pu in the Japan Sea. <i>Science of the Total Environment</i> , 2005, 340, 199-211.	8.0	49
22	Re-construction and updating our understanding on the global weapons tests $^{137}\text{Cs}$ fallout. <i>Journal of Environmental Monitoring</i> , 2006, 8, 431.	2.1	195
23	Anthropogenic radionuclides in sediment in the Japan Sea: distribution and transport processes of particulate radionuclides. <i>Journal of Environmental Radioactivity</i> , 2006, 91, 128-145.	1.7	25
24	Artificial radionuclides in the Yellow Sea: Inputs and redistribution. <i>Radioactivity in the Environment</i> , 2006, , 96-133.	0.2	21
25	Low-level gamma-ray spectrometry using Ge-detectors. <i>Metrologia</i> , 2007, 44, S87-S94.	1.2	30
26	Transport Processes of Radionuclides in the Japan Sea Obtained by JAEA's Expeditions. <i>Japanese Journal of Health Physics</i> , 2007, 42, 180-180.	0.1	0
27	$^3\text{H}$ and $^{90}\text{Sr}$ background in water around Tianwan NPP, China. <i>Radiation Measurements</i> , 2007, 42, 74-79.	1.4	6
28	Detection of high concentrations of $^{137}\text{Cs}$ in Walleye pollock collected in the Sea of Japan. <i>Marine Pollution Bulletin</i> , 2007, 54, 1293-1300.	5.0	6
29	Plutonium in seawater of the Pacific Ocean. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2007, 274, 635-638.	1.5	12
30	Radiometric determination of anthropogenic radionuclides in seawater. <i>Radioactivity in the Environment</i> , 2008, , 137-162.	0.2	39
31	Plutonium in the Ocean Environment: Its Distributions and Behavior. <i>Journal of Nuclear and Radiochemical Sciences</i> , 2009, 10, 1_R7-1_R16.	0.7	19
33	Detection and temporal variation of $^{60}\text{Co}$ in the digestive glands of the common octopus, <i>Octopus vulgaris</i> , in the East China Sea. <i>Marine Pollution Bulletin</i> , 2010, 60, 1193-1199.	5.0	3
34	Concentrations of $^{137}\text{Cs}$ , $^{90}\text{Sr}$ , $^{108}\text{mAg}$ , $^{239+240}\text{Pu}$ and atom ratio of $^{240}\text{Pu}/^{239}\text{Pu}$ in tanner crabs, <i>Chionoecetes japonicus</i> and <i>Chionoecetes opilio</i> collected around Japan. <i>Marine Pollution Bulletin</i> , 2010, 60, 2311-2322.	5.0	7
36	Temporal variations of $^{90}\text{Sr}$ and $^{137}\text{Cs}$ concentrations and the $^{137}\text{Cs}/^{90}\text{Sr}$ activity ratio in marine brown algae, <i>Undaria pinnatifida</i> and <i>Laminaria longissima</i> , collected in coastal areas of Japan. <i>Journal of Environmental Monitoring</i> , 2010, 12, 1179.	2.1	23
40	Vertical profiles of plutonium in the central South Pacific. <i>Progress in Oceanography</i> , 2011, 89, 101-107.	3.2	18
41	Radiological impact in Korea following the Fukushima nuclear accident. <i>Journal of Environmental Radioactivity</i> , 2012, 111, 70-82.	1.7	83

#	ARTICLE	IF	CITATIONS
42	Radiostrontium in the Western North Pacific: Characteristics, Behavior, and the Fukushima Impact. Environmental Science & Technology, 2012, 46, 10356-10363.	10.0	109
43	Baseline concentrations of strontium and <sup>90</sup> Sr in seawater from the northern Gulf. Marine Pollution Bulletin, 2013, 75, 301-304.	5.0	18
44	Impacts of the Fukushima nuclear accident on the China Seas: Evaluation based on anthropogenic radionuclide <sup>137</sup> Cs. Science Bulletin, 2013, 58, 552-558.	1.7	26
45	Radionuclides in the adriatic sea and related dose-rate assessment for marine biota. Radiation Protection Dosimetry, 2013, 154, 320-330.	0.8	10
46	<sup>90</sup> Sr and <sup>89</sup> Sr in seawater off Japan as a consequence of the Fukushima Dai-ichi nuclear accident. Biogeosciences, 2013, 10, 3649-3659.	3.3	95
47	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
48	Recent Evaluation of Early Radioactive Disposal Practice. , 2016, , 371-400.		10
49	Impact of Saharan dust events on radionuclide levels in Monaco air and in the water column of the northwest Mediterranean Sea. Journal of Environmental Radioactivity, 2017, 166, 2-9.	1.7	17
50	Vertical distribution of <sup>236</sup> U in the North Pacific Ocean. Journal of Environmental Radioactivity, 2017, 169-170, 70-78.	1.7	25
51	Impacts of Fukushima Daiichi Nuclear Power Plant accident on the Western North Pacific and the China Seas: Evaluation based on field observation of <sup>137</sup> Cs. Marine Pollution Bulletin, 2018, 127, 45-53.	5.0	12
52	<sup>137</sup> Cs and <sup>90</sup> Sr in surface waters of the Sea of Japan: Variations and the Fukushima Dai-ichi Nuclear Power Plant accident impact. Marine Pollution Bulletin, 2019, 146, 645-652.	5.0	21
53	Impact of Saharan dust events on radionuclides in the atmosphere, seawater, and sediments of the northwest Mediterranean Sea. Journal of Environmental Radioactivity, 2020, 214-215, 106157.	1.7	6
54	Environmental radioactivity aspects of recent nuclear accidents associated with undeclared nuclear activities and suggestion for new monitoring strategies. Journal of Environmental Radioactivity, 2020, 214-215, 106151.	1.7	8
55	Distribution and behavior of plutonium isotopes in Western Pacific marginal seas. Catena, 2021, 198, 105023.	5.0	11
56	Radiation doses to Japanese and world population. , 2021, , 469-517.		0
57	Pre-Fukushima radionuclide levels in the environment. , 2021, , 19-153.		0
59	<sup>90</sup> Sr in seawater of the East China Sea: Inventory, new potential source, and environmental implications. Science of the Total Environment, 2021, 764, 144266.	8.0	8
60	Evolution of <sup>137</sup> Cs Activity Concentration in the Aegean Sea. Handbook of Environmental Chemistry, 2021, , 1.	0.4	3

#	ARTICLE	IF	CITATIONS
61	Activity Concentrations of $^{137}\text{Cs}$ and $^{90}\text{Sr}$ in Seawaters of East Sea, Korea. Journal of Radiation Protection and Research, 2016, 41, 268-273.	0.6	5
62	Assessment of Environmental Radioactivity Surveillance Results around Korean Nuclear Power Utilization Facilities in 2017. Journal of Radiation Protection and Research, 2019, 44, 118-126.	0.6	2
64	Radionuclides radionuclide as Tracers of Ocean Currents radionuclide as tracers of ocean currents. , 2012, , 8655-8688.		0
65	Radionuclides as Tracers of Ocean Currents. , 2020, , 1-37.		0
66	Levels, sources, variations, and human health risk assessment of $^{90}\text{Sr}$ and $^{137}\text{Cs}$ in water and food around Sanmen Nuclear Power Plant (China) from 2011 to 2020. Frontiers in Public Health, 0, 11, .	2.7	0
67	Evaluating the transport of surface seawater from 1956 to 2021 using $^{137}\text{Cs}$ deposited in the global ocean as a chemical tracer. Earth System Science Data, 2023, 15, 1969-2007.	9.9	3