

# Artificial radionuclide tracer supply to the Denmark Strait

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Thermohaline circulation in the Arctic Mediterranean Seas. <i>Journal of Geophysical Research</i> , 1985, 90, 4833-4846.	3.3	660
2	Aluminium in the northwest Atlantic. <i>Geochimica Et Cosmochimica Acta</i> , 1986, 50, 1423-1429.	3.9	89
3	Tracers and modeling. <i>Reviews of Geophysics</i> , 1987, 25, 1417-1419.	23.0	1
4	Natural and anthropogenic radionuclide distributions in the northwest Atlantic Ocean. <i>Earth and Planetary Science Letters</i> , 1987, 84, 135-152.	4.4	111
5	Radionuclides in aquatic environments. <i>International Journal of Radiation Applications and Instrumentation Nuclear Tracks and Radiation Measurements</i> , 1989, 34, 213-240.	0.0	22
6	The tritium:krypton <sup>85</sup> age of Denmark Strait Overflow Water and Gibbs Fracture Zone Water just south of Denmark Strait. <i>Journal of Geophysical Research</i> , 1989, 94, 8265-8275.	3.3	63
7	Contributions of the Siberian shelf polynyas to the Arctic Ocean intermediate and deep water. <i>Journal of Geophysical Research</i> , 1989, 94, 12725-12738.	3.3	174
8	Deep-water renewal in the northern North Atlantic. <i>Nature</i> , 1990, 344, 848-850.	27.8	160
9	On the limits of low level measurements of <sup>137</sup> Cs as a natural radiotracer. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 1990, 138, 407-416.	1.5	3
10	On the limits of low level measurements of <sup>137</sup> Cs as a natural radiotracer. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 1990, 139, 287-295.	1.5	3
11	Wintertime total carbon dioxide measurements in the Norwegian and greenland seas. <i>Deep-sea Research Part A, Oceanographic Research Papers</i> , 1990, 37, 1455-1473.	1.5	34
12	Cesium 137 transport into the Arctic Ocean through Fram Strait. <i>Journal of Geophysical Research</i> , 1990, 95, 1693-1701.	3.3	35
13	The formation of Greenland Sea Deep Water: double diffusion or deep convection?. <i>Deep-sea Research Part A, Oceanographic Research Papers</i> , 1990, 37, 1385-1424.	1.5	63
14	Mixing between oxic and anoxic waters of the Black Sea as traced by Chernobyl cesium isotopes. <i>Deep-sea Research Part A, Oceanographic Research Papers</i> , 1991, 38, S725-S745.	1.5	83
15	The potential source of dissolved aluminum from resuspended sediments to the North Atlantic Deep Water. <i>Geochimica Et Cosmochimica Acta</i> , 1991, 55, 2745-2751.	3.9	60
16	Tritium in the Japan Sea and the renewal time of the Japan Sea deep water. <i>Marine Chemistry</i> , 1991, 34, 97-108.	2.3	90
17	Water mass components of the North Atlantic deep western boundary current. <i>Deep-sea Research Part A, Oceanographic Research Papers</i> , 1992, 39, 1553-1572.	1.5	104
18	Tracing the thermohaline circulation in the western North Atlantic using chlorofluorocarbons. <i>Progress in Oceanography</i> , 1993, 31, 51-99.	3.2	97

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19	A primitive equation ocean circulation model using a general vertical coordinate transformation: 2. Application to an overflow problem. <i>Journal of Geophysical Research</i> , 1993, 98, 14703-14726.	3.3	17
20	129I from nuclear fuel reprocessing; potential as an oceanographic tracer. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , 1994, 92, 436-439.	1.4	78
21	The production of North Atlantic Deep Water: Sources, rates, and pathways. <i>Journal of Geophysical Research</i> , 1994, 99, 12319.	3.3	717
22	Outflows and deep water production by marginal seas. <i>Progress in Oceanography</i> , 1994, 33, 161-200.	3.2	351
23	The Deep Western Boundary Current: tracers and velocities. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 1994, 41, 263-281.	1.4	66
24	129I from nuclear fuel reprocessing facilities at Sellafield (U.K.) and La Hague (France); potential as an oceanographic tracer. <i>Journal of Marine Systems</i> , 1995, 6, 561-570.	2.1	127
25	The transfer of reprocessing wastes from north-west Europe to the Arctic. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 1995, 42, 1413-1448.	1.4	148
26	Natural and anthropogenic radionuclide distributions in the Nansen Basin, Arctic Ocean: Scavenging rates and circulation timescales. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 1995, 42, 1495-1517.	1.4	64
27	Production of dense overflow waters feeding the North Atlantic across the Greenland-Scotland Ridge. Part 1: Evidence for a revised circulation scheme. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 1996, 43, 769-806.	1.4	343
28	Deep Flow along the Western Boundary South of the Blake Bahama Outer Ridge. <i>Journal of Physical Oceanography</i> , 1997, 27, 2187-2208.	1.7	29
29	The Arctic ocean-ice system studied by contamination modelling. <i>Annals of Glaciology</i> , 1997, 25, 17-21.	1.4	3
30	The Arctic ocean-ice system studied by contamination modelling. <i>Annals of Glaciology</i> , 1997, 25, 17-21.	1.4	4
31	Iodine-129 and plutonium isotopes in Arctic kelp as historical indicators of transport of nuclear fuel-reprocessing wastes from mid-to-high latitudes in the Atlantic Ocean. <i>Marine Biology</i> , 1998, 131, 391-399.	1.5	46
32	The hydrographic setting of the second IOC contaminants baseline cruise. <i>Marine Chemistry</i> , 1998, 61, 3-14.	2.3	13
33	The distribution of Al in the IOC stations of the North Atlantic and Norwegian Sea between 52° and 65° North. <i>Marine Chemistry</i> , 1998, 61, 69-85.	2.3	27
34	Northern Ocean Inventories of Radionuclide Contamination: GIS Efforts to Determine the Past and Present State of the Environment in and Adjacent to the Arctic. <i>Marine Pollution Bulletin</i> , 2000, 40, 853-868.	5.0	14
35	Tracing the flow of North Atlantic Deep Water using chlorofluorocarbons. <i>Journal of Geophysical Research</i> , 2000, 105, 14297-14323.	3.3	147
36	Nuclear Fuel Reprocessing and Related Discharges. , 2001, , 82-88.		1

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37	Distribution and behavior of anthropogenic <sup>129</sup> I in water masses ventilating the North Atlantic Ocean. Journal of Geophysical Research, 2001, 106, 6881-6894.	3.3	35
38	Nuclear Fuel Reprocessing And Related Discharges. , 2001, , 1921-1928.		0
39	Greenlandâ€“Scotland overflow studied by hydro-chemical multivariate analysis. Deep-Sea Research Part I: Oceanographic Research Papers, 2003, 50, 73-102.	1.4	82
40	Formation of Denmark Strait overflow water and its hydro-chemical composition. Journal of Marine Systems, 2005, 57, 264-288.	2.1	59
41	Iodine <sup>129</sup> I/ <sup>137</sup> Cs transit times for Denmark Strait Overflow Water in the Labrador and Irminger Seas. Journal of Geophysical Research, 2005, 110, .	3.3	32
42	The extremely high <sup>137</sup> Cs inventory in the Sulu Sea: a possible mechanism. Journal of Environmental Radioactivity, 2006, 90, 163-171.	1.7	12
43	Transport of Nordic Seas overflow water into and within the Irminger Sea: An eddyâ€“resolving simulation and observations. Journal of Geophysical Research, 2010, 115, .	3.3	50
44	Environmental Radioactivity: Global Transport, Distribution and Its Long-term Variation. Radioisotopes, 2015, 64, 753-764.	0.2	0
45	Water mass transformation in the Iceland Sea. Deep-Sea Research Part I: Oceanographic Research Papers, 2015, 101, 98-109.	1.4	47
46	Variability of the Icelandâ€“Scotland Overflow Water Transport Through the Charlieâ€“Gibbs Fracture Zone: Results From an Eddy Simulation and Observations. Journal of Geophysical Research: Oceans, 2018, 123, 5808-5823.	2.6	15
47	Nuclear Fuel Reprocessing and Related Discharges. , 2019, , 283-290.		0
48	Tracer Evidence of the Origin and Variability of Denmark Strait Overflow Water. , 2008, , 475-503.		14
50	Descriptive oceanography: water column parameters. , 1990, , 195-232.		0
53	Nuclear Reprocessing Tracers Illuminate Flow Features and Connectivity Between the Arctic and Subpolar North Atlantic Oceans. Annual Review of Marine Science, 2023, 15, 203-221.	11.6	4