

Lee W Cooper

List of Publications by Year in descending order

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145
papers

9,548
citations

57758

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94
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all docs

152
docs citations

152
times ranked

8494
citing authors

#	ARTICLE	IF	CITATIONS
1	Stable oxygen isotopes in shallow marine ostracodes from the northern Bering and Chukchi Seas. <i>Marine Micropaleontology</i> , 2022, 174, 102001.	1.2	5
2	Phytoplankton bloom stages estimated from chlorophyll pigment proportions suggest delayed summer production in low sea ice years in the northern Bering Sea. <i>PLoS ONE</i> , 2022, 17, e0267586.	2.5	3
3	Biogeography and ecology of Ostracoda in the U.S. northern Bering, Chukchi, and Beaufort Seas. <i>PLoS ONE</i> , 2021, 16, e0251164.	2.5	7
4	Marine Life 2030: Forecasting Changes to Ocean Biodiversity to Inform Decision-Making: A Critical Role for the Marine Biodiversity Observation Network (MBON). <i>Marine Technology Society Journal</i> , 2021, 55, 84-85.	0.4	3
5	CASCADE – The Circum-Arctic Sediment Carbon DatabasE. <i>Earth System Science Data</i> , 2021, 13, 2561-2572.	9.9	22
6	Organic carbon source variability in Arctic bivalves as deduced from the compound specific carbon isotopic composition of amino acids. <i>Journal of Marine Systems</i> , 2021, 219, 103547.	2.1	4
7	Female Pacific walrus (<i>Odobenus rosmarus divergens</i>) show greater partitioning of sea ice organic carbon than males: Evidence from ice algae trophic markers. <i>PLoS ONE</i> , 2021, 16, e0255686.	2.5	4
8	Changes in Diversity and Species Composition Across Multiple Assemblages in the eastern Chukchi Sea During Two Contrasting Years are Consistent with Borealization. <i>Oceanography</i> , 2021, 34, .	1.0	10
9	Manifestation and consequences of warming and altered heat fluxes over the Bering and Chukchi Sea continental shelves. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2020, 177, 104781.	1.4	90
10	Northwest Atlantic mackerel population structure evaluated using otolith $\delta^{18}O$ composition. <i>ICES Journal of Marine Science</i> , 2020, 77, 2582-2589.	2.5	5
11	Sampling errors arising from carousel entrainment and insufficient flushing of oceanographic sampling bottles. <i>Limnology and Oceanography: Methods</i> , 2020, 18, 311-326.	2.0	0
12	Seasonal and latitudinal variations in sea ice algae deposition in the Northern Bering and Chukchi Seas determined by algal biomarkers. <i>PLoS ONE</i> , 2020, 15, e0231178.	2.5	27
13	Predicting sediment organic carbon and related food web types from a physical oceanographic model on a subarctic shelf. <i>Marine Ecology - Progress Series</i> , 2020, 633, 37-54.	1.9	7
14	Ice algae resource utilization by benthic macro- and megafaunal communities on the Pacific Arctic shelf determined through lipid biomarker analysis. <i>Marine Ecology - Progress Series</i> , 2020, 651, 23-43.	1.9	13
15	The Distributed Biological Observatory: A change detection array in the Pacific Arctic – An introduction. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2019, 162, 1-7.	1.4	21
16	A video seafloor survey of epibenthic communities in the Pacific Arctic including Distributed Biological Observatory stations in the northern Bering and Chukchi seas. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2019, 162, 164-179.	1.4	7
17	Changes in abundance and biomass of the bivalve <i>Macoma calcareo</i> in the northern Bering Sea and the southeastern Chukchi Sea from 1998 to 2014, tracked through dynamic factor analysis models. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2019, 162, 127-136.	1.4	13
18	Seasonal to mesoscale variability of water masses and atmospheric conditions in Barrow Canyon, Chukchi Sea. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2019, 162, 32-49.	1.4	40

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19	Developing an observational design for epibenthos and fish assemblages in the Chukchi Sea. Deep-Sea Research Part II: Topical Studies in Oceanography, 2019, 162, 180-190.	1.4	16
20	Benthic trophic sensitivity to on-going changes in Pacific Arctic seasonal sea ice cover – Insights from the nitrogen isotopic composition of amino acids. Deep-Sea Research Part II: Topical Studies in Oceanography, 2019, 162, 137-151.	1.4	13
21	Discriminating trophic niches of carnivorous benthic macroinvertebrates with gut contents, stable isotopes, and fatty acids. Marine Ecology - Progress Series, 2019, 631, 49-66.	1.9	4
22	Sipunculan fauna in the Pacific Arctic region: a significant component of benthic infaunal communities. Polar Biology, 2018, 41, 163-174.	1.2	7
23	From sea ice to seals: a moored marine ecosystem observatory in the Arctic. Ocean Science, 2018, 14, 1423-1433.	3.4	15
24	Trends in Benthic Macrofaunal Populations, Seasonal Sea Ice Persistence, and Bottom Water Temperatures in the Bering Strait Region. Oceanography, 2018, 31, .	1.0	56
25	Deposition patterns on the Chukchi shelf using radionuclide inventories in relation to surface sediment characteristics. Deep-Sea Research Part II: Topical Studies in Oceanography, 2018, 152, 48-66.	1.4	24
26	Seasonal changes in dissolved organic matter composition in Delaware Bay, USA in March and August 2014. Organic Geochemistry, 2018, 122, 87-97.	1.8	20
27	Sediment organic carbon integrates changing environmental conditions to predict benthic assemblages in shallow Arctic seas. Aquatic Conservation: Marine and Freshwater Ecosystems, 2018, 28, 861-871.	2.0	10
28	Dissolved methane concentrations in the water column and surface sediments of Hanna Shoal and Barrow Canyon, Northern Chukchi Sea. Deep-Sea Research Part II: Topical Studies in Oceanography, 2017, 144, 92-103.	1.4	15
29	Optical properties and molecular diversity of dissolved organic matter in the Bering Strait and Chukchi Sea. Deep-Sea Research Part II: Topical Studies in Oceanography, 2017, 144, 104-111.	1.4	14
30	Mercury biomagnification in food webs of the northeastern Chukchi Sea, Alaskan Arctic. Deep-Sea Research Part II: Topical Studies in Oceanography, 2017, 144, 63-77.	1.4	18
31	Flood-induced transport of PAHs from streambed coal tar deposits. Science of the Total Environment, 2017, 575, 247-257.	8.0	9
32	Implications of ocean acidification in the Pacific Arctic: Experimental responses of three Arctic bivalves to decreased pH and food availability. Deep-Sea Research Part II: Topical Studies in Oceanography, 2017, 144, 112-124.	1.4	13
33	Grand Junction™s Slip-Lining Success. , 2017, , .		0
34	Mass balance estimates of carbon export in different water masses of the Chukchi Sea shelf. Deep-Sea Research Part II: Topical Studies in Oceanography, 2016, 130, 88-99.	1.4	7
35	The Saint Lawrence Island Polynya: A 25-Year Evaluation of an Analogue for Climate Change in Polar Regions. , 2016, , 171-183.		6
36	Variations in the proportions of melted sea ice and runoff in surface waters of the Chukchi Sea: A retrospective analysis, 1990–2012, and analysis of the implications of melted sea ice in an under-ice bloom. Deep-Sea Research Part II: Topical Studies in Oceanography, 2016, 130, 6-13.	1.4	12

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37	The potential role of sea ice melt in the distribution of chromophoric dissolved organic matter in the Chukchi and Beaufort Seas. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2016, 130, 28-42.	1.4	27
38	Biomass offsets little or none of permafrost carbon release from soils, streams, and wildfire: an expert assessment. <i>Environmental Research Letters</i> , 2016, 11, 034014.	5.2	199
39	Projecting the effects of climate-driven changes in organic matter supply on benthic food webs in the northern Bering Sea. <i>Marine Ecology - Progress Series</i> , 2016, 548, 11-30.	1.9	19
40	Abundance and Production Rates of Heterotrophic Bacterioplankton in the Context of Sediment and Water Column Processes in the Chukchi Sea. <i>Oceanography</i> , 2015, 28, 84-99.	1.0	13
41	Time-Series Benthic Community Composition and Biomass and Associated Environmental Characteristics in the Chukchi Sea During the RUSALCA 2004-2012 Program. <i>Oceanography</i> , 2015, 28, 116-133.	1.0	55
42	The Relationship Between Patterns of Benthic Fauna and Zooplankton in the Chukchi Sea and Physical Forcing. <i>Oceanography</i> , 2015, 28, 68-83.	1.0	55
43	Ecosystem characteristics and processes facilitating persistent macrobenthic biomass hotspots and associated benthivory in the Pacific Arctic. <i>Progress in Oceanography</i> , 2015, 136, 92-114.	3.2	222
44	Modeling spatial patterns of limits to production of deposit-feeders and ectothermic predators in the northern Bering Sea. <i>Estuarine, Coastal and Shelf Science</i> , 2015, 154, 19-29.	2.1	16
45	Divergent patterns of recent sea ice cover across the Bering, Chukchi, and Beaufort seas of the Pacific Arctic Region. <i>Progress in Oceanography</i> , 2015, 136, 32-49.	3.2	169
46	Physical and morphological properties of sea ice in the Chukchi and Beaufort Seas during the 2010 and 2011 NASA ICESCAPE missions. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2015, 118, 7-17.	1.4	9
47	Assessing Bioresources and Standing Stock of Zoobenthos (Key Species, High Taxa, Trophic Groups) in the Chukchi Sea. <i>Oceanography</i> , 2015, 28, 146-157.	1.0	91
48	Pacific Walrus (<i>Odobenus rosmarus divergens</i>) Resource Selection in the Northern Bering Sea. <i>PLoS ONE</i> , 2014, 9, e93035.	2.5	35
49	Deposit-feeder diets in the Bering Sea: potential effects of climatic loss of sea ice-related microalgal blooms. <i>Ecological Applications</i> , 2014, 24, 1525-1542.	3.8	46
50	Mercury in the northeastern Chukchi Sea: Distribution patterns in seawater and sediments and biomagnification in the benthic food web. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2014, 102, 56-67.	1.4	42
51	Variable wind, pack ice, and prey dispersion affect the long-term adequacy of protected areas for an Arctic sea duck. <i>Ecological Applications</i> , 2014, 24, 396-412.	3.8	28
52	Caloric content of Chukchi Sea benthic invertebrates: Modeling spatial and environmental variation. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2014, 102, 97-106.	1.4	12
53	Trace metals and organic carbon in sediments of the northeastern Chukchi Sea. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2014, 102, 18-31.	1.4	38
54	Deposit-feeder diets in the Bering Sea: potential effects of climatic loss of sea ice-related microalgal blooms. , 2014, 24, 1525-42.		2

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55	Relative value of stomach contents, stable isotopes, and fatty acids as diet indicators for a dominant invertebrate predator (<i>Chionoecetes opilio</i>) in the northern Bering Sea. <i>Journal of Experimental Marine Biology and Ecology</i> , 2013, 449, 274-283.	1.5	20
56	Linkages between sea-ice coverage, pelagic–benthic coupling, and the distribution of spectacled eiders: Observations in March 2008, 2009 and 2010, northern Bering Sea. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2013, 94, 31-43.	1.4	39
57	Temporal changes in benthic ostracode assemblages in the Northern Bering and Chukchi Seas from 1976 to 2010. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2013, 94, 68-79.	1.4	11
58	Effects of body size, gender, and prey availability on diets of snow crabs in the northern Bering Sea. <i>Marine Ecology - Progress Series</i> , 2013, 483, 209-220.	1.9	31
59	Wintering eiders acquire exceptional Se and Cd burdens in the Bering Sea: physiological and oceanographic factors. <i>Marine Ecology - Progress Series</i> , 2013, 489, 245-261.	1.9	23
60	The relationship between sea ice break-up, water mass variation, chlorophyll biomass, and sedimentation in the northern Bering Sea. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2012, 65-70, 141-162.	1.4	43
61	Isotopic signals (^{18}O , ^2H , ^3H) of six major rivers draining the pan-Arctic watershed. <i>Global Biogeochemical Cycles</i> , 2012, 26, .	4.9	36
62	Feeding ecology of dominant groundfish in the northern Bering Sea. <i>Polar Biology</i> , 2012, 35, 1407-1419.	1.2	29
63	Food Web Structure of the Alaskan Nearshore Shelf and Estuarine Lagoons of the Beaufort Sea. <i>Estuaries and Coasts</i> , 2012, 35, 416-435.	2.2	97
64	Thinking outside the channel: modeling nitrogen cycling in networked river ecosystems. <i>Frontiers in Ecology and the Environment</i> , 2011, 9, 229-238.	4.0	104
65	Nitrous oxide emission from denitrification in stream and river networks. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 214-219.	7.1	517
66	A data model and database for high-resolution pathology analytical image informatics. <i>Journal of Pathology Informatics</i> , 2011, 2, 32.	1.7	56
67	A comparison of stream water temperature regimes from open and afforested moorland, Yorkshire Dales, northern England. <i>Hydrological Processes</i> , 2010, 24, 3206-3218.	2.6	33
68	Inter-regional comparison of land-use effects on stream metabolism. <i>Freshwater Biology</i> , 2010, 55, 1874-1890.	2.4	267
69	Phytoplankton community in the Western Arctic in July–August 2003. <i>Oceanology</i> , 2010, 50, 184-197.	1.2	21
70	A multi-proxy palaeoecological record of late-Holocene forest expansion in lowland Bolivia. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2010, 293, 98-107.	2.3	21
71	Walrus Attack Spectacled Eiders Wintering in Pack Ice of the Bering Sea. <i>Arctic</i> , 2010, 63, .	0.4	14
72	Chlorophyll a in Arctic sediments implies long persistence of algal pigments. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2009, 56, 1326-1338.	1.4	42

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73	Seasonal and decadal shifts in particulate organic matter processing and sedimentation in the Bering Strait Shelf region. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2009, 56, 1316-1325.	1.4	25
74	Modeling marine protected areas for threatened eiders in a climatically changing Bering Sea. <i>Ecological Applications</i> , 2009, 19, 1596-1613.	3.8	70
75	Ocean acidification and biologically induced seasonality of carbonate mineral saturation states in the western Arctic Ocean. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	127
76	Nitrate removal in stream ecosystems measured by ¹⁵ N addition experiments: Total uptake. <i>Limnology and Oceanography</i> , 2009, 54, 653-665.	3.1	165
77	Nitrate removal in stream ecosystems measured by ¹⁵ N addition experiments: Denitrification. <i>Limnology and Oceanography</i> , 2009, 54, 666-680.	3.1	181
78	Spatial distributions of groundfish in the northern Bering Sea in relation to environmental variation. <i>Marine Ecology - Progress Series</i> , 2009, 393, 147-160.	1.9	25
79	The Gulf of Alaska: Biology and Oceanography, edited by Phillip R. Mundy. <i>Arctic</i> , 2009, 59, .	0.4	0
80	The Potential for Using Little Diomed Island as a Platform for Observing Environmental Conditions in Bering Strait. <i>Arctic</i> , 2009, 59, .	0.4	1
81	Stream denitrification across biomes and its response to anthropogenic nitrate loading. <i>Nature</i> , 2008, 452, 202-205.	27.8	1,097
82	²³⁴ Th-derived particulate organic carbon fluxes in the northern Barents Sea with comparison to drifting sediment trap fluxes. <i>Journal of Marine Systems</i> , 2008, 73, 103-113.	2.1	31
83	Development of a Pan-Arctic Database for River Chemistry. <i>Eos</i> , 2008, 89, 217-218.	0.1	72
84	Flow-weighted values of runoff tracers (¹⁸ O, DOC, Ba, alkalinity) from the six largest Arctic rivers. <i>Geophysical Research Letters</i> , 2008, 35, .	4.0	206
85	Determining net dissolved organic carbon production in the hydrographically complex western Arctic Ocean. <i>Limnology and Oceanography</i> , 2007, 52, 1789-1799.	3.1	46
86	Export fluxes of biogenic matter in the presence and absence of seasonal sea ice cover in the Chukchi Sea. <i>Continental Shelf Research</i> , 2007, 27, 2051-2065.	1.8	61
87	Seasonal and interannual changes in particulate organic carbon export and deposition in the Chukchi Sea. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	53
88	Export fluxes of particulate organic carbon in the Chukchi Sea: A comparative study using ²³⁴ Th/ ²³⁸ U disequilibria and drifting sediment traps. <i>Marine Chemistry</i> , 2007, 103, 185-196.	2.3	36
89	Sources and distribution of carbon within the Yangtze River system. <i>Estuarine, Coastal and Shelf Science</i> , 2007, 71, 13-25.	2.1	293
90	Unexpectedly high radioactivity burdens in ice-rafted sediments from the Canadian Arctic Archipelago. <i>Science of the Total Environment</i> , 2006, 366, 253-261.	8.0	11

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91	Ecosystem dynamics of the Pacific-influenced Northern Bering and Chukchi Seas in the Amerasian Arctic. <i>Progress in Oceanography</i> , 2006, 71, 331-361.	3.2	539
92	A Major Ecosystem Shift in the Northern Bering Sea. <i>Science</i> , 2006, 311, 1461-1464.	12.6	729
93	Rapid Seasonal Sea-Ice Retreat in the Arctic Could Be Affecting Pacific Walrus (<i>Odobenus rosmarus</i>) Tj ETQq1 1 0,784314,rgBT/O	0.7	22
94	Ocean circulation and exchanges through the northern Bering Sea—1979—2001 model results. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2005, 52, 3509-3540.	1.4	78
95	Seasonal changes in POC export flux in the Chukchi Sea and implications for water column-benthic coupling in Arctic shelves. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2005, 52, 3427-3451.	1.4	120
96	Detection of rapid deposition of sea ice-rafted material to the Arctic Ocean benthos using the cosmogenic tracer ⁷ Be. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2005, 52, 3452-3461.	1.4	22
97	Linkages among runoff, dissolved organic carbon, and the stable oxygen isotope composition of seawater and other water mass indicators in the Arctic Ocean. <i>Journal of Geophysical Research</i> , 2005, 110, n/a-n/a.	3.3	122
98	Dynamics of the Coastal Zone. <i>Global Change - the IGBP Series</i> , 2005, , 39-94.	2.1	42
99	Organic matter pathways to zooplankton and benthos under pack ice in late winter and open water in late summer in the north-central Bering Sea. <i>Marine Ecology - Progress Series</i> , 2005, 291, 135-150.	1.9	119
100	GLENN F. COTA, 1951-2004. <i>Limnology and Oceanography Bulletin</i> , 2004, 13, 66-67.	0.4	0
101	Late winter water column and sea ice conditions in the northern Bering Sea. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	32
102	Stream denitrification and total nitrate uptake rates measured using a field ¹⁵ N tracer addition approach. <i>Limnology and Oceanography</i> , 2004, 49, 809-820.	3.1	164
103	Diet and body condition of spectacled eiders wintering in pack ice of the Bering Sea. <i>Polar Biology</i> , 2003, 26, 259-267.	1.2	96
104	Seasonal discharge of estuarine freshwater to the western Chukchi Sea shelf identified in stable isotope profiles of mollusk shells. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	36
105	Benthic carbon cycling in the Ross Sea Polynya, Antarctica: Benthic community metabolism and sediment tracers. <i>Antarctic Research Series</i> , 2003, , 313-326.	0.2	2
106	¹⁸ O and ¹³ C in Leaf Litter Versus Tree-ring Cellulose as Proxy Isotopic Indicators of Climate Change. <i>Ecological Studies</i> , 2003, , 140-159.	1.2	2
107	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
108	Seasonal variation in sedimentation of organic materials in the St. Lawrence Island polynya region, Bering Sea. <i>Marine Ecology - Progress Series</i> , 2002, 226, 13-26.	1.9	77

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109	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
110	Sources of the transuranic elements plutonium and neptunium in arctic marine sediments. <i>Marine Chemistry</i> , 2000, 69, 253-276.	2.3	77
111	Organic carbon isotope ratios ($\delta^{13}C$) of Arctic Amerasian Continental shelf sediments. <i>International Journal of Earth Sciences</i> , 2000, 89, 522-532.	1.8	176
112	CLIMATE CONTROLS ON FOREST SOIL C ISOTOPE RATIOS IN THE SOUTHERN APPALACHIAN MOUNTAINS. <i>Ecology</i> , 2000, 81, 1108-1119.	3.2	150
113	Radionuclide Contaminant Burdens in Arctic Marine Mammals Harvested During Subsistence Hunting. <i>Arctic</i> , 2000, 53, .	0.4	17
114	Distributions of nuclear fuel-reprocessing tracers in the Arctic Ocean: Indications of Russian river influence. <i>Journal of Marine Research</i> , 1999, 57, 715-738.	0.3	19
115	Forest soil carbon inventories and dynamics along an elevation gradient in the southern Appalachian Mountains. <i>Biogeochemistry</i> , 1999, 45, 115-145.	3.5	135
116	The Summer Hydrography and Surface Circulation of the East Siberian Shelf Sea*. <i>Journal of Physical Oceanography</i> , 1999, 29, 2167-2182.	1.7	46
117	Modification of NO, PO, and NO/PO during flow across the Bering and Chukchi shelves: Implications for use as Arctic water mass tracers. <i>Journal of Geophysical Research</i> , 1999, 104, 7827-7836.	3.3	46
118	Pathways and mean residence times of dissolved pollutants in the ocean derived from transient tracers and stable isotopes. <i>Science of the Total Environment</i> , 1999, 237-238, 15-30.	8.0	43
119	Title is missing!. <i>Biogeochemistry</i> , 1999, 45, 115-145.	3.5	53
120	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
121	The distribution of radiocesium and plutonium in sea ice-entrained arctic sediments in relation to potential sources and sinks. <i>Journal of Environmental Radioactivity</i> , 1998, 39, 279-303.	1.7	40
122	$^{237}\text{Np}/^{129}\text{I}$ atom ratios in the Arctic Ocean. <i>Journal of Environmental Radioactivity</i> , 1998, 39, 255-277.	1.7	27
123	Isotopic Fractionation in Snow Cover. , 1998, , 119-136.		40
124	Inventories and Distribution of Radiocaesium in Arctic Marine Sediments: Influence of Biological and Physical Processes. <i>Chemistry and Ecology</i> , 1998, 15, 27-46.	1.6	19
125	^{36}Cl and ^{129}I in the Yenisei, Kolyma, and Mackenzie Rivers. <i>Environmental Science & Technology</i> , 1997, 31, 1834-1836.	10.0	18
126	The nutrient, salinity, and stable oxygen isotope composition of Bering and Chukchi Seas waters in and near the Bering Strait. <i>Journal of Geophysical Research</i> , 1997, 102, 12563-12573.	3.3	157

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127	Submersible UV-B spectroradiometer using an acouto-optic tunable fiber. Proceedings of SPIE, 1997, , .	0.8	1
128	Anthropogenic radioactivity in the vicinity of the Bilibino nuclear power station, Chukotka, Russia¹. Polar Geography, 1996, 20, 3-19.	1.9	3
129	Evidence for re-distribution of ¹³⁷ Cs in Alaskan tundra, lake, and marine sediments. Science of the Total Environment, 1995, 160-161, 295-306.	8.0	22
130	Influence of the St. Lawrence Island Polynya upon the Bering Sea benthos. Journal of Geophysical Research, 1995, 100, 4439.	3.3	100
131	Atmospheric CO ₂ enrichment can increase the ¹⁸ O content of leaf water and cellulose: paleoclimatic and ecophysiological implications. Climate Research, 1994, 4, 1-11.	1.1	8
132	Mobility of natural organic matter in a study aquifer. Environmental Science & Technology, 1993, 27, 667-676.	10.0	123
133	Application of Oxygen-18 Tracer Techniques to Arctic Hydrological Processes. Arctic and Alpine Research, 1993, 25, 247.	1.3	33
134	Stable Isotopes of Oxygen and Natural and Fallout Radionuclides Used for Tracing Runoff During Snowmelt in an Arctic Watershed. Water Resources Research, 1991, 27, 2171-2179.	4.2	77
135	Oxygen isotopic composition of bottom seawater and tunicate cellulose used as indicators of water masses in the northern Bering and Chukchi Seas. Limnology and Oceanography, 1990, 35, 1182-1195.	3.1	25
136	Water is lost from leaves and trunks of trees by fundamentally different mechanisms. Geochimica Et Cosmochimica Acta, 1990, 54, 1845-1846.	3.9	8
137	Oxygen-18 Content of Atmospheric Oxygen Does Not Affect the Oxygen Isotope Relationship between Environmental Water and Cellulose in a Submerged Aquatic Plant, <i>Egeria densa</i> Planch. Plant Physiology, 1989, 91, 536-541.	4.8	15
138	Depletion of heavy isotopes of oxygen and hydrogen in tissue water of intertidal plants: implications for water economy. Marine Biology, 1989, 101, 397-400.	1.5	3
139	Patterns of carbon isotopic variability in eelgrass, <i>Zostera marina</i> L., from izembek Lagoon, Alaska. Aquatic Botany, 1989, 34, 329-339.	1.6	16
140	Post-photosynthetic modification of oxygen isotope ratios of carbohydrates in the potato: Implications for paleoclimatic reconstruction based upon isotopic analysis of wood cellulose. Geochimica Et Cosmochimica Acta, 1989, 53, 2573-2580.	3.9	57
141	Covariance of Oxygen and Hydrogen Isotopic Compositions in Plant Water: Species Effects. Ecology, 1989, 70, 1619-1628.	3.2	29
142	Stable carbon isotope variability in the seagrass <i>Posidonia oceanica</i> : evidence for light intensity effects. Marine Ecology - Progress Series, 1989, 50, 225-229.	1.9	72
143	Stable carbon isotope ratio variations in marine macrophytes along intertidal gradients. Oecologia, 1988, 77, 238-241.	2.0	28
144	Anatomical adaptations to rocky substrates and surf exposure by the seagrass genus <i>Phyllospadix</i> . Aquatic Botany, 1988, 32, 365-381.	1.6	31

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145	The Bering Sea and Climate Change. , 0, , 39-41.		0