Willard Moore

List of Publications by Year
in descending order

225 papers	19,419 citations	9234 74 h-index	12910 131 g-index
231 all docs	231 docs citations	231 times ranked	7397 citing authors

#	Article	IF	Citations
1	Surface Water and Groundwater Interactions in Salt Marshes and Their Impact on Plant Ecology and Coastal Biogeochemistry. Reviews of Geophysics, 2022, 60, .	9.0	61
2	Use of ²²³Ra and ²²⁴Ra as chronometers to estimate the residence time of Amazon waters on the Brazilian continental shelf. Limnology and Oceanography, 2022, 67, 753-767.	1.6	4
3	Saltwater Intrusion and Submarine Groundwater Discharge: Acceleration of Biogeochemical Reactions in Changing Coastal Aquifers. Frontiers in Earth Science, 2021, 9, .	0.8	46
4	Does a bottom-up mechanism promote hypoxia in the Mississippi Bight?. Marine Chemistry, 2021, 235, 104007.	0.9	11
5	Activities of ²²³Ra and ²²⁶Ra in Fluids From the Lost City Hydrothermal Field Require Short Fluid Residence Times. Journal of Geophysical Research: Oceans, 2021, 126, e2021JC017886.	1.0	9
6	Groundwaterâ€Driven Methane Export Reduces Salt Marsh Blue Carbon Potential. Global Biogeochemical Cycles, 2020, 34, e2020GB006587.	1.9	18
7	A New Mechanism for Submarine Groundwater Discharge From Continental Shelves. Water Resources Research, 2020, 56, e2019WR026866.	1.7	19
8	Observational and Modeling Evidence of Seasonal Trends in Sedimentâ€Derived Material Inputs to the Chukchi Sea. Journal of Geophysical Research: Oceans, 2020, 125, e2019JC016007.	1.0	10
9	The Transpolar Drift as a Source of Riverine and Shelfâ€Derived Trace Elements to the Central Arctic Ocean. Journal of Geophysical Research: Oceans, 2020, 125, e2019JC015920.	1.0	80
10	Shelfâ€Basin Interactions and Water Mass Residence Times in the Western Arctic Ocean: Insights Provided by Radium Isotopes. Journal of Geophysical Research: Oceans, 2019, 124, 3279-3297.	1.0	22
11	Transport of Radium and Nutrients Through Eastern South African Beaches. Journal of Geophysical Research: Oceans, 2019, 124, 2010-2027.	1.0	2
12	Development of a twoâ€layer transport model in layered muddyâ€“permeable marsh sediments using ²²⁴Raâ€“²²⁸Th disequilibria. Limnology and Oceanography, 2019, 64, 1672-1687.	1.6	13
13	Evaluation of lacustrine groundwater discharge and associated nutrients, trace elements and DIC loadings into Qinghai Lake in Qinghai-Tibetan Plateau, using radium isotopes and hydrological methods. Chemical Geology, 2019, 510, 31-46.	1.4	14
14	Timescales of hydrothermal scavenging in the South Pacific Ocean from 234Th, 230Th, and 228Th. Earth and Planetary Science Letters, 2019, 506, 146-156.	1.8	12
15	Ra and Rn isotopes as natural tracers of submarine groundwater discharge in the patagonian coastal zone (Argentina): an initial assessment. Environmental Earth Sciences, 2018, 77, 1.	1.3	9
16	Shelfâ€Scale Submarine Groundwater Discharge in the Northern South China Sea and East China Sea and its Geochemical Impacts. Journal of Geophysical Research: Oceans, 2018, 123, 2997-3013.	1.0	39
17	Increased fluxes of shelf-derived materials to the central Arctic Ocean. Science Advances, 2018, 4, eaao1302.	4.7	72
18	Radium-228 as a tracer of dissolved trace element inputs from the Peruvian continental margin. Marine Chemistry, 2018, 201, 20-34.	0.9	39

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19	Radium isotopes as tracers of hydrothermal inputs and neutrally buoyant plume dynamics in the deep ocean. Marine Chemistry, 2018, 201, 51-65.	0.9	29
20	Deep oxygen penetration drives nitrification in intertidal beach sands. Limnology and Oceanography, 2018, 63, S193.	1.6	16
21	The GEOTRACES Intermediate Data Product 2017. Chemical Geology, 2018, 493, 210-223.	1.4	257
22	Significant chemical fluxes from natural terrestrial groundwater rival anthropogenic and fluvial input in a large-river deltaic estuary. Water Research, 2018, 144, 603-615.	5.3	21
23	Radium Isotopes Across the Arctic Ocean Show Time Scales of Water Mass Ventilation and Increasing Shelf Inputs. Journal of Geophysical Research: Oceans, 2018, 123, 4853-4873.	1.0	39
24	The nonconservative property of dissolved molybdenum in the western Taiwan Strait: Relevance of submarine groundwater discharges and biological utilization. Geochemistry, Geophysics, Geosystems, 2016, 17, 28-43.	1.0	16
25	Methanotrophy controls groundwater methane export from a barrier island. Geochimica Et Cosmochimica Acta, 2016, 179, 242-256.	1.6	21
26	A new perspective on coastal hypoxia: The role of saline groundwater. Marine Chemistry, 2016, 179, 1-11.	0.9	59
27	Intense nitrogen cycling in permeable intertidal sediment revealed by a nitrous oxide hot spot. Global Biogeochemical Cycles, 2015, 29, 1584-1598.	1.9	23
28	What time scales are important for monitoring tidally influenced submarine groundwater discharge? Insights from a salt marsh. Water Resources Research, 2015, 51, 4198-4207.	1.7	47
29	Inappropriate attempts to use distributions of 228Ra and 226Ra in coastal waters to model mixing and advection rates. Continental Shelf Research, 2015, 105, 95-100.	0.9	13
30	â€˜Anchialineâ€™ redefined as a subterranean estuary in a crevicular or cavernous geological setting. Journal of Crustacean Biology, 2015, 35, 511-514.	0.3	66
31	Groundwater transport and radium variability in coastal porewaters. Estuarine, Coastal and Shelf Science, 2015, 164, 94-104.	0.9	8
32	Radium isotope distributions during the US GEOTRACES North Atlantic cruises. Marine Chemistry, 2015, 177, 184-195.	0.9	68
33	Determination of particulate and dissolved 228Th in seawater using a delayed coincidence counter. Marine Chemistry, 2015, 177, 196-202.	0.9	9
34	Groundwater controls ecological zonation of salt marsh macrophytes. Ecology, 2015, 96, 840-849.	1.5	73
35	Hydrothermal vents: A previously unrecognized source of actinium-227 to the deep ocean. Marine Chemistry, 2015, 177, 583-590.	0.9	13
36	Net subterranean estuarine export fluxes of dissolved inorganic C, N, P, Si, and total alkalinity into the Jiulong River estuary, China. Geochimica Et Cosmochimica Acta, 2015, 149, 103-114.	1.6	82

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37	Concentrations and fluxes of uranium in two major Chinese rivers: The Changjiang River and the Huanghe River. Estuarine, Coastal and Shelf Science, 2015, 152, 56-64.	0.9	14
38	Submarine groundwater discharge estimation in an urbanized embayment in Hong Kong via short-lived radium isotopes and its implication of nutrient loadings and primary production. Marine Pollution Bulletin, 2014, 82, 144-154.	2.3	91
39	History of human activity in coastal southern Brazil from sediment. Marine Pollution Bulletin, 2014, 78, 209-212.	2.3	17
40	Dynamics of submarine groundwater discharge and associated fluxes of dissolved nutrients, carbon, and trace gases to the coastal zone (Okatee River estuary, South Carolina). Geochimica Et Cosmochimica Acta, 2014, 131, 81-97.	1.6	67
41	Sediment size fractionation and focusing in the equatorial Pacific: Effect on ²³⁰Th normalization and paleoflux measurements. Paleoceanography, 2014, 29, 747-763.	3.0	15
42	Controls on water column chemistry of the southern Brazilian continental shelf. Continental Shelf Research, 2014, 88, 126-139.	0.9	10
43	224Ra:228Th disequilibrium in coastal sediments: Implications for solute transfer across the sedimentâ€"water interface. Geochimica Et Cosmochimica Acta, 2014, 125, 68-84.	1.6	65
44	Global estimate of submarine groundwater discharge based on an observationally constrained radium isotope model. Geophysical Research Letters, 2014, 41, 8438-8444.	1.5	236
45	Calibration of RaDeCC systems for 223Ra measurements. Marine Chemistry, 2013, 156, 130-137.	0.9	49
46	Inter-comparison of radium analysis in coastal sea water of the Asian region. Marine Chemistry, 2013, 156, 138-145.	0.9	10
47	Nutrient inputs to a Lagoon through submarine groundwater discharge: The case of Laoye Lagoon, Hainan, China. Journal of Marine Systems, 2013, 111-112, 253-262.	0.9	52
48	Methodological advances for measuring low-level radium isotopes in seawater. Journal of Radioanalytical and Nuclear Chemistry, 2013, 296, 357-362.	0.7	46
49	Particle dynamics of the Changjiang Estuary and adjacent coastal region determined by natural particleâ€reactive radionuclides (⁷Be, ²¹⁰Pb, and ²³⁴Th). Journal of Geophysical Research: Oceans, 2013, 118, 1736-1748.	1.0	22
50	Detection and Quantification of Gaseous and Particulate Fukushima Fission Products at Orangeburg, South Carolina. Health Physics, 2013, 105, 49-64.	0.3	2
51	GEOTRACES radium isotopes interlaboratory comparison experiment. Limnology and Oceanography: Methods, 2012, 10, 451-463.	1.0	24
52	Radium mass balance and submarine groundwater discharge in Sepetiba Bay, Rio de Janeiro State, Brazil. Journal of South American Earth Sciences, 2012, 39, 44-51.	0.6	12
53	Estimation of submarine groundwater discharge and associated nutrient fluxes in Tolo Harbour, Hong Kong. Science of the Total Environment, 2012, 433, 427-433.	3.9	87
54	Recent sedimentation in the Black Sea: New insights from radionuclide distributions and sulfur isotopes. Deep-Sea Research Part I: Oceanographic Research Papers, 2012, 66, 103-113.	0.6	16

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55	Measurement of 224Ra:228Th disequilibrium in coastal sediments using a delayed coincidence counter. Marine Chemistry, 2012, 138-139, 1-6.	0.9	37
56	Using radium isotopes to estimate the residence time and the contribution of submarine groundwater discharge (SGD) in the Changjiang effluent plume, East China Sea. Continental Shelf Research, 2012, 35, 95-107.	0.9	85
57	Isotopic, geophysical and biogeochemical investigation of submarine groundwater discharge: IAEA-UNESCO intercomparison exercise at Mauritius Island. Journal of Environmental Radioactivity, 2012, 104, 24-45.	0.9	62
58	Stormâ€driven groundwater flow in a salt marsh. Water Resources Research, 2011, 47, .	1.7	52
59	Radium-based pore water fluxes of silica, alkalinity, manganese, DOC, and uranium: A decade of studies in the German Wadden Sea. Geochimica Et Cosmochimica Acta, 2011, 75, 6535-6555.	1.6	99
60	Input, composition, and potential impact of terrigenous material from free-drifting icebergs in the Weddell Sea. Deep-Sea Research Part II: Topical Studies in Oceanography, 2011, 58, 1376-1383.	0.6	67
61	An examination of groundwater discharge and the associated nutrient fluxes into the estuaries of eastern Hainan Island, China using 226Ra. Science of the Total Environment, 2011, 409, 3909-3918.	3.9	79
62	Field measurements and modeling of groundwater flow and biogeochemistry at Moses Hammock, a backbarrier island on the Georgia coast. Biogeochemistry, 2011, 104, 69-90.	1.7	13
63	Investigation of residence time and groundwater flux in Venice Lagoon: comparing radium isotope and hydrodynamical models. Journal of Environmental Radioactivity, 2010, 101, 571-581.	0.9	52
64	Earthquake-induced turbidite deposition as a previously unrecognized sink for hydrogen sulfide in the Black Sea sediments. Marine Chemistry, 2010, 121, 176-186.	0.9	24
65	The Effect of Submarine Groundwater Discharge on the Ocean. Annual Review of Marine Science, 2010, 2, 59-88.	5.1	700
66	A reevaluation of submarine groundwater discharge along the southeastern coast of North America. Global Biogeochemical Cycles, 2010, 24, .	1.9	60
67	Tidally regulated chemical fluxes across the sedimentâ€"water interface in Elkhorn Slough, California: Evidence from a coupled geochemical and hydrodynamic approach. Limnology and Oceanography, 2009, 54, 1964-1980.	1.6	13
68	Fluxes and behavior of radium isotopes, barium, and uranium in seven Southeastern US rivers and estuaries. Marine Chemistry, 2008, 108, 236-254.	0.9	81
69	Fifteen years experience in measuring 224Ra and 223Ra by delayed-coincidence counting. Marine Chemistry, 2008, 109, 188-197.	0.9	176
70	The release of dissolved actinium to the ocean: A global comparison of different end-members. Marine Chemistry, 2008, 109, 409-420.	0.9	19
71	Characterizing sources of groundwater to a tropical coastal lagoon in a karstic area using radium isotopes and water chemistry. Marine Chemistry, 2008, 109, 377-394.	0.9	67
72	Short-lived radium isotopes in the Hawaiian margin: Evidence for large fluid fluxes through the Puna Ridge. Marine Chemistry, 2008, 109, 421-430.	0.9	21

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73	Isotope tracing of submarine groundwater discharge offshore Ubatuba, Brazil: results of the IAEAâ€"UNESCO SGD project. Journal of Environmental Radioactivity, 2008, 99, 1596-1610.	0.9	70
74	Submarine groundwater discharge revealed by 228Ra distribution in the upperÂAtlantic Ocean. Nature Geoscience, 2008, 1, 309-311.	5.4	272
75	Radon and radium isotopes as tracers of submarine groundwater discharge â€" Results from the Ubatuba, Brazil SGD assessment intercomparison. Estuarine, Coastal and Shelf Science, 2008, 76, 501-511.	0.9	164
76	Determination of residence time and mixing processes of the Ubatuba, Brazil, inner shelf waters using natural Ra isotopes. Estuarine, Coastal and Shelf Science, 2008, 76, 512-521.	0.9	54
77	Chapter 5 Uranium- and Thorium-Series Nuclides as Tracers of Submarine Groundwater Discharge. Radioactivity in the Environment, 2008, , 155-191.	0.2	71
78	Seasonal distribution and flux of radium isotopes on the southeastern U.S. continental shelf. Journal of Geophysical Research, 2007, 112, .	3.3	58
79	Submarine groundwater discharge of nutrients to the ocean along a coastal lagoon barrier, Southern Brazil. Marine Chemistry, 2007, 106, 546-561.	0.9	97
80	Estimates of flushing times, submarine groundwater discharge, and nutrient fluxes to Okatee Estuary, South Carolina. Journal of Geophysical Research, 2006, 111, .	3.3	201
81	The role of submarine groundwater discharge in coastal biogeochemistry. Journal of Geochemical Exploration, 2006, 88, 389-393.	1.5	88
82	Submarine groundwater discharge measured by seepage meters in sicilian coastal waters. Continental Shelf Research, 2006, 26, 835-842.	0.9	49
83	Radium isotopes as tracers of submarine groundwater discharge in Sicily. Continental Shelf Research, 2006, 26, 852-861.	0.9	89
84	Assessment of groundwater discharges into West Neck Bay, New York, via natural tracers. Continental Shelf Research, 2006, 26, 1971-1983.	0.9	59
85	Submarine groundwater discharge: A large, previously unrecognized source of dissolved iron to the South Atlantic Ocean. Marine Chemistry, 2006, 102, 252-266.	0.9	215
86	Characterisation of submarine groundwater discharge offshore south-eastern Sicily. Journal of Environmental Radioactivity, 2006, 89, 81-101.	0.9	74
87	Quantifying submarine groundwater discharge in the coastal zone via multiple methods. Science of the Total Environment, 2006, 367, 498-543.	3.9	791
88	Submarine groundwater discharge: An important source of new inorganic nitrogen to coral reef ecosystems. Limnology and Oceanography, 2006, 51, 343-348.	1.6	204
89	Evaluating the Potential Importance of Groundwater-Derived Carbon, Nitrogen, and Phosphorus Inputs to South Carolina and Georgia Coastal Ecosystems. , 2006, , 139-178.		1
90	Advective flow through the upper continental shelf driven by storms, buoyancy, and submarine groundwater discharge. Earth and Planetary Science Letters, 2005, 235, 564-576.	1.8	102

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91	Determination Of Naturally Occurring Ra Isotopes In Ubatuba-SP, Brazil To Study Coastal Dynamics And Groundwater Input. , 2005, , 805-824.		0
92	Verification of mid-ocean ballast water exchange using naturally occurring coastal tracers. Marine Pollution Bulletin, 2004, 48, 711-730.	2.3	28
93	Distribution of 223Ra and 224Ra in the plumes of the Mississippi and Atchafalaya Rivers and the Gulf of Mexico. Marine Chemistry, 2004, 86, 105-119.	0.9	108
94	Radionuclide fluxes and particle scavenging in Cariaco Basin. Continental Shelf Research, 2004, 24, 1451-1463.	0.9	10
95	Nutrient and Radium Fluxes from Submarine Groundwater Discharge to Port Royal Sound, South Carolina. Aquatic Geochemistry, 2003, 9, 191-208.	1.5	57
96	Sources and fluxes of submarine groundwater discharge delineated by radium isotopes. Biogeochemistry, 2003, 66, 75-93.	1.7	197
97	Groundwater and pore water inputs to the coastal zone. Biogeochemistry, 2003, 66, 3-33.	1.7	824
98	Salt marsh submarine groundwater discharge as traced by radium isotopes. Marine Chemistry, 2003, 84, 113-121.	0.9	89
99	The geochemistry of dissolved inorganic carbon in a surficial groundwater aquifer in North Inlet, South Carolina, and the carbon fluxes to the coastal ocean. Geochimica Et Cosmochimica Acta, 2003, 67, 631-639.	1.6	163
100	The effect of fiddler crab burrowing on sediment mixing and radionuclide profiles along a topographic gradient in a southeastern salt marsh. Journal of Marine Research, 2003, 61, 359-390.	0.3	73
101	Assessing methodologies for measuring groundwater discharge to the ocean. Eos, 2002, 83, 117.	0.1	105
102	Thermal evidence of water exchange through a coastal aquifer: Implications for nutrient fluxes. Geophysical Research Letters, 2002, 29, 49-1-49-4.	1.5	72
103	Analysis of 227Ac in seawater by delayed coincidence counting. Marine Chemistry, 2002, 78, 197-203.	0.9	19
104	Thermal evidence of water exchange through a coastal aquifer: Implications for nutrient fluxes. Geophysical Research Letters, 2002, 29, 49-1-49-4.	1.5	13
105	Factors influencing7Be accumulation on rock varnish. Geophysical Research Letters, 2001, 28, 4475-4478.	1.5	10
106	Using multiple geochemical tracers to characterize the hydrogeology of the submarine spring off Crescent Beach, Florida. Chemical Geology, 2001, 179, 187-202.	1.4	139
107	Measurement of224Ra and226Ra Activities in Natural Waters Using a Radon-in-Air Monitor. Environmental Science & Technology, 2001, 35, 4680-4683.	4.6	148
108	Influence of Boundary Scavenging and Sediment Focusing on234Th,228Th and210Pb Fluxes in the Santa Barbara Basin. Estuarine, Coastal and Shelf Science, 2000, 51, 373-384.	0.9	23

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109	Mass wasting, ephemeral fluid flow, and barite deposition on the California continental margin. Geology, 2000, 28, 315.	2.0	60
110	Determining coastal mixing rates using radium isotopes. Continental Shelf Research, 2000, 20, 1993-2007.	0.9	250
111	Using Ra isotopes to examine transport processes controlling benthic fluxes into a shallow estuarine lagoon. Geochimica Et Cosmochimica Acta, 2000, 64, 3685-3699.	1.6	78
112	Marsh nutrient export supplied by groundwater discharge: Evidence from radium measurements. Global Biogeochemical Cycles, 2000, 14, 167-176.	1.9	214
113	Ages of continental shelf waters determined from 223 Ra and 224 Ra. Journal of Geophysical Research, 2000, 105, 22117-22122.	3.3	170
114	and in the mixing zones of the Mississippi and Atchafalaya Rivers: indicators of groundwater input. Marine Chemistry, 1999, 64, 129-152.	0.9	139
115	Comparison of , , and fluxes with fluxes of major sediment components in the Guaymas Basin, Gulf of California. Marine Chemistry, 1999, 65, 177-194.	0.9	25
116	The subterranean estuary: a reaction zone of ground water and sea water. Marine Chemistry, 1999, 65, 111-125.	0.9	838
117	Cycling of radium and barium in the Black Sea. Journal of Environmental Radioactivity, 1999, 43, 247-254.	0.9	12
118	Combining organic petrography and palynology to assess anthropogenic impacts on peatlands. International Journal of Coal Geology, 1999, 39, 3-45.	1.9	24
119	Combining organic petrography and palynology to assess anthropogenic impacts on peatlands. International Journal of Coal Geology, 1999, 39, 47-95.	1.9	14
120	A clue regarding the origin of rock varnish. Geophysical Research Letters, 1999, 26, 103-106.	1.5	64
121	The flux of barium to the coastal waters of the southeastern USA: the importance of submarine groundwater discharge. Geochimica Et Cosmochimica Acta, 1998, 62, 3047-3054.	1.6	172
122	Identification of rain-freshened plumes in the coastal ocean using Ra isotopes and Si. Journal of Geophysical Research, 1998, 103, 7709-7717.	3.3	14
123	Chemical signals from submarine fluid advection onto the continental shelf. Journal of Geophysical Research, 1998, 103, 21543-21552.	3.3	88
124	Application of226Ra,228Ra,223Ra, and224Ra in coastal waters to assessing coastal mixing rates and groundwater discharge to oceans. Journal of Earth System Science, 1998, 107, 343-349.	0.6	6
125	234Th and 21Pb evidence for rapid ingestion of settling particles by mobile epibenthic megafauna in the abyssal NE Pacific. Limnology and Oceanography, 1997, 42, 589-595.	1.6	46
126	High fluxes of radium and barium from the mouth of the Ganges-Brahmaputra River during low river discharge suggest a large groundwater source. Earth and Planetary Science Letters, 1997, 150, 141-150.	1.8	233

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127	Subaqueous delta of the Ganges-Brahmaputra river system. Marine Geology, 1997, 144, 81-96.	0.9	210
128	Radionuclide tracers of sediment-water interactions on the Amazon shelf. Continental Shelf Research, 1996, 16, 645-665.	0.9	58
129	Measurement of223Ra and224Ra in coastal waters using a delayed coincidence counter. Journal of Geophysical Research, 1996, 101, 1321-1329.	3.3	499
130	Sedimentation rate as determined by 226Ra activity in marine barite. Geochimica Et Cosmochimica Acta, 1996, 60, 4313-4319.	1.6	52
131	Using the radium quartet for evaluating groundwater input and water exchange in salt marshes. Geochimica Et Cosmochimica Acta, 1996, 60, 4645-4652.	1.6	202
132	Large groundwater inputs to coastal waters revealed by 226Ra enrichments. Nature, 1996, 380, 612-614.	13.7	926
133	Submarine groundwater discharge. Nature, 1996, 382, 121-122.	13.7	123
134	Submarine groundwater discharge. Nature, 1996, 382, 122-122.	13.7	39
135	The behaviour of uranium and radium in an inverse estuary. Continental Shelf Research, 1995, 15, 1569-1583.	0.9	18
136	228Th/228Ra ages of a barite-rich chimney from the Endeavour Segment of the Juan de Fuca Ridge. Earth and Planetary Science Letters, 1995, 131, 99-113.	1.8	27
137	210Po and210Pb disequilibrium in the hydrothermal vent fluids and chimney deposits from Juan de Fuca Ridge. Geophysical Research Letters, 1995, 22, 3175-3178.	1.5	2
138	Radium isotopes in coastal waters on the Amazon shelf. Geochimica Et Cosmochimica Acta, 1995, 59, 4285-4298.	1.6	82
139	Suspended sediment distribution and residual transport in the coastal ocean off the Ganges-Brahmaputra river mouth. Marine Geology, 1994, 120, 41-61.	0.9	78
140	Elemental and isotopic fluxes in the Southern California Bight: A time-series sediment trap study in the San Pedro Basin. Journal of Geophysical Research, 1994, 99, 875.	3.3	24
141	Uranium removal during low discharge in the Ganges-Brahmaputra mixing zone. Geochimica Et Cosmochimica Acta, 1993, 57, 4987-4995.	1.6	33
142	Radium isotopes in the Orinoco estuary and eastern Caribbean Sea. Journal of Geophysical Research, 1993, 98, 2233-2244.	3.3	59
143	The role of the Ganges-Brahmaputra mixing zone in supplying barium and226Ra to the Bay of Bengal. Geochimica Et Cosmochimica Acta, 1993, 57, 2981-2990.	1.6	101
144	Evaluation of salt marsh hydrology using radium as a tracer. Geochimica Et Cosmochimica Acta, 1993, 57, 2203-2212.	1.6	56

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145	Cores drilled into active smokers on Juan de Fuca ridge. Eos, 1992, 73, 273-273.	0.1	8
146	226Ra in the Black Sea and Sea of Marmara. Earth and Planetary Science Letters, 1992, 110, 7-21.	1.8	9
147	Fluxes of 226Ra and barium in the Pacific Ocean: The importance of boundary processes. Earth and Planetary Science Letters, 1991, 107, 55-68.	1.8	52
148	Evolution of hydrothermal activity on the Juan de Fuca Ridge: Observations, mineral ages, and Ra isotope ratios. Journal of Geophysical Research, 1991, 96, 21739-21752.	3.3	32
149	Trace metal enrichments in waters of the Gulf of Cadiz, Spain. Geochimica Et Cosmochimica Acta, 1991, 55, 2173-2191.	1.6	75
150	Changes in the depositional flux of 10Be in the Orca Basin, Gulf of Mexico: Inverse correlation with Î´18O. Chemical Geology: Isotope Geoscience Section, 1991, 86, 253-258.	0.7	3
151	Depletion of barium and radium-226 in Black Sea surface waters over the past thirty years. Nature, 1991, 350, 491-494.	13.7	37
152	Particle/Solution Partitioning of Thorium Isotopes in Framvaren Fjord: Insights into Sorption Kinetics in a Super-Anoxic Environment. , 1991, , 130-141.		5
153	Geochemical Processes Occurring in the Waters at the Amazon River/Ocean Boundary. Oceanography, 1991, 4, 15-20.	0.5	38
154	Chemistry of uranium, thorium, and radium isotopes in the Ganga-Brahmaputra river system: Weathering processes and fluxes to the Bay of Bengal. Geochimica Et Cosmochimica Acta, 1990, 54, 1387-1396.	1.6	142
155	Oxygen and nitrate new production and remineralization in the North Atlantic subtropical gyre. Journal of Geophysical Research, 1990, 95, 18303-18315.	3.3	96
156	Ages of barite-sulfide chimneys from the Mariana Trough. Earth and Planetary Science Letters, 1990, 100, 265-274.	1.8	42
157	Shelf sedimentation off the Ganges-Brahmaputra river system: Evidence for sediment bypassing to the Bengal fan. Geology, 1989, 17, 1132.	2.0	182
158	Oceanic 232Th: A reconnaissance and implications of global distribution from manganese nodules. Geochimica Et Cosmochimica Acta, 1989, 53, 1357-1366.	1.6	54
159	Major ion chemistry of the Ganga-Brahmaputra river system: Weathering processes and fluxes to the Bay of Bengal. Geochimica Et Cosmochimica Acta, 1989, 53, 997-1009.	1.6	575
160	Correlation of 210Pb removal with organic carbon fluxes in the Pacific Ocean. Nature, 1988, 331, 339-341.	13.7	73
161	The distributions of uranium, radium and thorium isotopes in two anoxic fjords: Framvaren Fjord (Norway) and Saanich Inlet (British Columbia). Marine Chemistry, 1988, 23, 393-415.	0.9	36
162	A simplified method for 226Ra determinations in natural waters. Marine Chemistry, 1988, 25, 349-357.	0.9	17

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163	Radiochemical constraints on the crustal residence time of submarine hydrothermal fluids: Endeavour Ridge. Geochimica Et Cosmochimica Acta, 1988, 52, 659-668.	1.6	104
164	Sedimentation and bioturbation in a salt marsh as revealed by ²¹⁰Pb, ¹³⁷Cs, and ⁷Be studies12. Limnology and Oceanography, 1987, 32, 313-326.	1.6	117
165	Radium 228 in the South Atlantic Bight. Journal of Geophysical Research, 1987, 92, 5177-5190.	3.3	47
166	Transport of10Be and9Be in the ocean. Earth and Planetary Science Letters, 1987, 86, 69-76.	1.8	42
167	A regeneration model for the effect of bioturbation by fiddler crabs on 210Pb profiles in salt marsh sediments. Journal of Environmental Radioactivity, 1987, 5, 25-36.	0.9	57
168	A new method for the rapid measurement of 224Ra in natural waters. Marine Chemistry, 1987, 22, 43-54.	0.9	34
169	Ra-228 in the deep Indian Ocean. Deep-sea Research Part A, Oceanographic Research Papers, 1986, 33, 107-120.	1.6	26
170	Tracing the Amazon component of surface Atlantic water using ²²⁸Ra, salinity and silica. Journal of Geophysical Research, 1986, 91, 2574-2580.	3.3	83
171	Techniques for precise mapping of ²²⁶Ra and ²²⁸Ra in the ocean. Journal of Geophysical Research, 1985, 90, 6983-6994.	3.3	95
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173	224Ra in Continental Shelf waters. Earth and Planetary Science Letters, 1985, 73, 226-230.	1.8	25
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