

Willard Moore

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

226
papers

15,903
citations

69
h-index

118
g-index

231
ext. papers

17,462
ext. citations

6.6
avg, IF

6.85
L-index

#	Paper	IF	Citations
226	Activities of ²²³ Ra and ²²⁶ Ra in Fluids From the Lost City Hydrothermal Field Require Short Fluid Residence Times. <i>Journal of Geophysical Research: Oceans</i> , 2021 , 126, e2021JC017886	3.3	1
225	Saltwater Intrusion and Submarine Groundwater Discharge: Acceleration of Biogeochemical Reactions in Changing Coastal Aquifers. <i>Frontiers in Earth Science</i> , 2021 , 9,	3.5	14
224	Does a bottom-up mechanism promote hypoxia in the Mississippi Bight?. <i>Marine Chemistry</i> , 2021 , 235, 104007	3.7	4
223	A New Mechanism for Submarine Groundwater Discharge From Continental Shelves. <i>Water Resources Research</i> , 2020 , 56, e2019WR026866	5.4	6
222	Observational and Modeling Evidence of Seasonal Trends in Sediment-Derived Material Inputs to the Chukchi Sea. <i>Journal of Geophysical Research: Oceans</i> , 2020 , 125, e2019JC016007	3.3	6
221	The Transpolar Drift as a Source of Riverine and Shelf-Derived Trace Elements to the Central Arctic Ocean. <i>Journal of Geophysical Research: Oceans</i> , 2020 , 125, e2019JC015920	3.3	42
220	Groundwater-Driven Methane Export Reduces Salt Marsh Blue Carbon Potential. <i>Global Biogeochemical Cycles</i> , 2020 , 34, e2020GB006587	5.9	6
219	Shelf-Basin Interactions and Water Mass Residence Times in the Western Arctic Ocean: Insights Provided by Radium Isotopes. <i>Journal of Geophysical Research: Oceans</i> , 2019 , 124, 3279-3297	3.3	14
218	Transport of Radium and Nutrients Through Eastern South African Beaches. <i>Journal of Geophysical Research: Oceans</i> , 2019 , 124, 2010-2027	3.3	2
217	Development of a two-layer transport model in layered muddy permeable marsh sediments using ²²⁴ Ra- ²²⁸ Th disequilibria. <i>Limnology and Oceanography</i> , 2019 , 64, 1672-1687	4.8	7
216	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. <i>Chemical Geology</i> , 2019 , 510, 31-46	4.2	8
215	Timescales of hydrothermal scavenging in the South Pacific Ocean from ²³⁴ Th, ²³⁰ Th, and ²²⁸ Th. <i>Earth and Planetary Science Letters</i> , 2019 , 506, 146-156	5.3	8
214	Ra and Rn isotopes as natural tracers of submarine groundwater discharge in the patagonian coastal zone (Argentina): an initial assessment. <i>Environmental Earth Sciences</i> , 2018 , 77, 1	2.9	6
213	Shelf-Scale Submarine Groundwater Discharge in the Northern South China Sea and East China Sea and its Geochemical Impacts. <i>Journal of Geophysical Research: Oceans</i> , 2018 , 123, 2997-3013	3.3	22
212	Increased fluxes of shelf-derived materials to the central Arctic Ocean. <i>Science Advances</i> , 2018 , 4, eaao1302	13.2	53
211	Radium-228 as a tracer of dissolved trace element inputs from the Peruvian continental margin. <i>Marine Chemistry</i> , 2018 , 201, 20-34	3.7	26
210	Radium isotopes as tracers of hydrothermal inputs and neutrally buoyant plume dynamics in the deep ocean. <i>Marine Chemistry</i> , 2018 , 201, 51-65	3.7	19

209	Deep oxygen penetration drives nitrification in intertidal beach sands. <i>Limnology and Oceanography</i> , 2018 , 63, S193	4.8	15
208	Significant chemical fluxes from natural terrestrial groundwater rival anthropogenic and fluvial input in a large-river deltaic estuary. <i>Water Research</i> , 2018 , 144, 603-615	12.5	11
207	Radium Isotopes Across the Arctic Ocean Show Time Scales of Water Mass Ventilation and Increasing Shelf Inputs. <i>Journal of Geophysical Research: Oceans</i> , 2018 , 123, 4853-4873	3.3	30
206	The GEOTRACES Intermediate Data Product 2017. <i>Chemical Geology</i> , 2018 , 493, 210-223	4.2	195
205	The nonconservative property of dissolved molybdenum in the western Taiwan Strait: Relevance of submarine groundwater discharges and biological utilization. <i>Geochemistry, Geophysics, Geosystems</i> , 2016 , 17, 28-43	3.6	13
204	Methanotrophy controls groundwater methane export from a barrier island. <i>Geochimica Et Cosmochimica Acta</i> , 2016 , 179, 242-256	5.5	14
203	A new perspective on coastal hypoxia: The role of saline groundwater. <i>Marine Chemistry</i> , 2016 , 179, 1-113,7		46
202	Groundwater transport and radium variability in coastal porewaters. <i>Estuarine, Coastal and Shelf Science</i> , 2015 , 164, 94-104	2.9	8
201	Radium isotope distributions during the US GEOTRACES North Atlantic cruises. <i>Marine Chemistry</i> , 2015 , 177, 184-195	3.7	51
200	Determination of particulate and dissolved ²²⁸ Th in seawater using a delayed coincidence counter. <i>Marine Chemistry</i> , 2015 , 177, 196-202	3.7	7
199	Groundwater controls ecological zonation of salt marsh macrophytes. <i>Ecology</i> , 2015 , 96, 840-9	4.6	50
198	Hydrothermal vents: A previously unrecognized source of actinium-227 to the deep ocean. <i>Marine Chemistry</i> , 2015 , 177, 583-590	3.7	8
197	Net subterranean estuarine export fluxes of dissolved inorganic C, N, P, Si, and total alkalinity into the Jiulong River estuary, China. <i>Geochimica Et Cosmochimica Acta</i> , 2015 , 149, 103-114	5.5	62
196	Concentrations and fluxes of uranium in two major Chinese rivers: The Changjiang River and the Huanghe River. <i>Estuarine, Coastal and Shelf Science</i> , 2015 , 152, 56-64	2.9	10
195	Intense nitrogen cycling in permeable intertidal sediment revealed by a nitrous oxide hot spot. <i>Global Biogeochemical Cycles</i> , 2015 , 29, 1584-1598	5.9	20
194	What time scales are important for monitoring tidally influenced submarine groundwater discharge? Insights from a salt marsh. <i>Water Resources Research</i> , 2015 , 51, 4198-4207	5.4	29
193	Inappropriate attempts to use distributions of ²²⁸ Ra and ²²⁶ Ra in coastal waters to model mixing and advection rates. <i>Continental Shelf Research</i> , 2015 , 105, 95-100	2.4	9
192	Anchialine redefined as a subterranean estuary in a crevicular or cavernous geological setting. <i>Journal of Crustacean Biology</i> , 2015 , 35, 511-514	0.8	46

191	History of human activity in coastal southern Brazil from sediment. <i>Marine Pollution Bulletin</i> , 2014 , 78, 209-12	6.7	14
190	Dynamics of submarine groundwater discharge and associated fluxes of dissolved nutrients, carbon, and trace gases to the coastal zone (Okatee River estuary, South Carolina). <i>Geochimica Et Cosmochimica Acta</i> , 2014 , 131, 81-97	5.5	54
189	Sediment size fractionation and focusing in the equatorial Pacific: Effect on ²³⁰ Th normalization and paleoflux measurements. <i>Paleoceanography</i> , 2014 , 29, 747-763		15
188	Controls on water column chemistry of the southern Brazilian continental shelf. <i>Continental Shelf Research</i> , 2014 , 88, 126-139	2.4	9
187	²²⁴ Ra: ²²⁸ Th disequilibrium in coastal sediments: Implications for solute transfer across the sediment-water interface. <i>Geochimica Et Cosmochimica Acta</i> , 2014 , 125, 68-84	5.5	47
186	Global estimate of submarine groundwater discharge based on an observationally constrained radium isotope model. <i>Geophysical Research Letters</i> , 2014 , 41, 8438-8444	4.9	166
185	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. <i>Marine Pollution Bulletin</i> , 2014 , 82, 144-54	6.7	76
184	Calibration of RaDeCC systems for ²²³ Ra measurements. <i>Marine Chemistry</i> , 2013 , 156, 130-137	3.7	41
183	Inter-comparison of radium analysis in coastal sea water of the Asian region. <i>Marine Chemistry</i> , 2013 , 156, 138-145	3.7	10
182	Nutrient inputs to a Lagoon through submarine groundwater discharge: The case of Laoye Lagoon, Hainan, China. <i>Journal of Marine Systems</i> , 2013 , 111-112, 253-262	2.7	44
181	Methodological advances for measuring low-level radium isotopes in seawater. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2013 , 296, 357-362	1.5	35
180	Particle dynamics of the Changjiang Estuary and adjacent coastal region determined by natural particle-reactive radionuclides (⁷ Be, ²¹⁰ Pb, and ²³⁴ Th). <i>Journal of Geophysical Research: Oceans</i> , 2013 , 118, 1736-1748	3.3	18
179	Detection and Quantification of Gaseous and Particulate Fukushima Fission Products at Orangeburg, South Carolina. <i>Health Physics</i> , 2013 , 105, 49-64	2.3	2
178	Using radium isotopes to estimate the residence time and the contribution of submarine groundwater discharge (SGD) in the Changjiang effluent plume, East China Sea. <i>Continental Shelf Research</i> , 2012 , 35, 95-107	2.4	69
177	Isotopic, geophysical and biogeochemical investigation of submarine groundwater discharge: IAEA-UNESCO intercomparison exercise at Mauritius Island. <i>Journal of Environmental Radioactivity</i> , 2012 , 104, 24-45	2.4	47
176	Radium mass balance and submarine groundwater discharge in Sepetiba Bay, Rio de Janeiro State, Brazil. <i>Journal of South American Earth Sciences</i> , 2012 , 39, 44-51	2	9
175	Estimation of submarine groundwater discharge and associated nutrient fluxes in Tolo Harbour, Hong Kong. <i>Science of the Total Environment</i> , 2012 , 433, 427-33	10.2	72
174	Recent sedimentation in the Black Sea: New insights from radionuclide distributions and sulfur isotopes. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2012 , 66, 103-113	2.5	11

173	Measurement of ^{224}Ra : ^{228}Th disequilibrium in coastal sediments using a delayed coincidence counter. <i>Marine Chemistry</i> , 2012 , 138-139, 1-6	3.7	29
172	GEOTRACES radium isotopes interlaboratory comparison experiment. <i>Limnology and Oceanography: Methods</i> , 2012 , 10, 451-463	2.6	13
171	Storm-driven groundwater flow in a salt marsh. <i>Water Resources Research</i> , 2011 , 47,	5.4	38
170	Radium-based pore water fluxes of silica, alkalinity, manganese, DOC, and uranium: A decade of studies in the German Wadden Sea. <i>Geochimica Et Cosmochimica Acta</i> , 2011 , 75, 6535-6555	5.5	80
169	Input, composition, and potential impact of terrigenous material from free-drifting icebergs in the Weddell Sea. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2011 , 58, 1376-1383	2.3	56
168	An examination of groundwater discharge and the associated nutrient fluxes into the estuaries of eastern Hainan Island, China using ^{226}Ra . <i>Science of the Total Environment</i> , 2011 , 409, 3909-18	10.2	67
167	Field measurements and modeling of groundwater flow and biogeochemistry at Moses Hammock, a backbarrier island on the Georgia coast. <i>Biogeochemistry</i> , 2011 , 104, 69-90	3.8	11
166	The effect of submarine groundwater discharge on the ocean. <i>Annual Review of Marine Science</i> , 2010 , 2, 59-88	15.4	536
165	A reevaluation of submarine groundwater discharge along the southeastern coast of North America. <i>Global Biogeochemical Cycles</i> , 2010 , 24, n/a-n/a	5.9	54
164	Investigation of residence time and groundwater flux in Venice Lagoon: comparing radium isotope and hydrodynamic models. <i>Journal of Environmental Radioactivity</i> , 2010 , 101, 571-81	2.4	46
163	Earthquake-induced turbidite deposition as a previously unrecognized sink for hydrogen sulfide in the Black Sea sediments. <i>Marine Chemistry</i> , 2010 , 121, 176-186	3.7	19
162	Tidally regulated chemical fluxes across the sediment-water interface in Elkhorn Slough, California: Evidence from a coupled geochemical and hydrodynamic approach. <i>Limnology and Oceanography</i> , 2009 , 54, 1964-1980	4.8	11
161	Submarine groundwater discharge revealed by ^{228}Ra distribution in the upper Atlantic Ocean. <i>Nature Geoscience</i> , 2008 , 1, 309-311	18.3	211
160	Radon and radium isotopes as tracers of submarine groundwater discharge [Results from the Ubatuba, Brazil SGD assessment intercomparison. <i>Estuarine, Coastal and Shelf Science</i> , 2008 , 76, 501-511 ^{2.9}	12.9	132
159	Determination of residence time and mixing processes of the Ubatuba, Brazil, inner shelf waters using natural Ra isotopes. <i>Estuarine, Coastal and Shelf Science</i> , 2008 , 76, 512-521	2.9	44
158	Chapter 5 Uranium- and Thorium-Series Nuclides as Tracers of Submarine Groundwater Discharge. <i>Radioactivity in the Environment</i> , 2008 , 155-191		60
157	Fluxes and behavior of radium isotopes, barium, and uranium in seven Southeastern US rivers and estuaries. <i>Marine Chemistry</i> , 2008 , 108, 236-254	3.7	67
156	Fifteen years experience in measuring ^{224}Ra and ^{223}Ra by delayed-coincidence counting. <i>Marine Chemistry</i> , 2008 , 109, 188-197	3.7	136

155	The release of dissolved actinium to the ocean: A global comparison of different end-members. <i>Marine Chemistry</i> , 2008 , 109, 409-420	3.7	15
154	Characterizing sources of groundwater to a tropical coastal lagoon in a karstic area using radium isotopes and water chemistry. <i>Marine Chemistry</i> , 2008 , 109, 377-394	3.7	57
153	Short-lived radium isotopes in the Hawaiian margin: Evidence for large fluid fluxes through the Puna Ridge. <i>Marine Chemistry</i> , 2008 , 109, 421-430	3.7	16
152	Isotope tracing of submarine groundwater discharge offshore Ubatuba, Brazil: results of the IAEA-UNESCO SGD project. <i>Journal of Environmental Radioactivity</i> , 2008 , 99, 1596-610	2.4	46
151	Seasonal distribution and flux of radium isotopes on the southeastern U.S. continental shelf. <i>Journal of Geophysical Research</i> , 2007 , 112,		51
150	Submarine groundwater discharge of nutrients to the ocean along a coastal lagoon barrier, Southern Brazil. <i>Marine Chemistry</i> , 2007 , 106, 546-561	3.7	78
149	Quantifying submarine groundwater discharge in the coastal zone via multiple methods. <i>Science of the Total Environment</i> , 2006 , 367, 498-543	10.2	653
148	Submarine groundwater discharge: An important source of new inorganic nitrogen to coral reef ecosystems. <i>Limnology and Oceanography</i> , 2006 , 51, 343-348	4.8	163
147	Estimates of flushing times, submarine groundwater discharge, and nutrient fluxes to Okatee Estuary, South Carolina. <i>Journal of Geophysical Research</i> , 2006 , 111,		164
146	The role of submarine groundwater discharge in coastal biogeochemistry. <i>Journal of Geochemical Exploration</i> , 2006 , 88, 389-393	3.8	76
145	Submarine groundwater discharge measured by seepage meters in sicilian coastal waters. <i>Continental Shelf Research</i> , 2006 , 26, 835-842	2.4	41
144	Radium isotopes as tracers of submarine groundwater discharge in Sicily. <i>Continental Shelf Research</i> , 2006 , 26, 852-861	2.4	76
143	Assessment of groundwater discharges into West Neck Bay, New York, via natural tracers. <i>Continental Shelf Research</i> , 2006 , 26, 1971-1983	2.4	52
142	Submarine groundwater discharge: A large, previously unrecognized source of dissolved iron to the South Atlantic Ocean. <i>Marine Chemistry</i> , 2006 , 102, 252-266	3.7	194
141	Characterisation of submarine groundwater discharge offshore south-eastern Sicily. <i>Journal of Environmental Radioactivity</i> , 2006 , 89, 81-101	2.4	63
140	Evaluating the Potential Importance of Groundwater-Derived Carbon, Nitrogen, and Phosphorus Inputs to South Carolina and Georgia Coastal Ecosystems 2006 , 139-178		1
139	Advective flow through the upper continental shelf driven by storms, buoyancy, and submarine groundwater discharge. <i>Earth and Planetary Science Letters</i> , 2005 , 235, 564-576	5.3	89
138	Determination Of Naturally Occurring Ra Isotopes In Ubatuba-SP, Brazil To Study Coastal Dynamics And Groundwater Input 2005 , 805-824		

137	Verification of mid-ocean ballast water exchange using naturally occurring coastal tracers. <i>Marine Pollution Bulletin</i> , 2004 , 48, 711-30	6.7	22
136	Distribution of ²²³ Ra and ²²⁴ Ra in the plumes of the Mississippi and Atchafalaya Rivers and the Gulf of Mexico. <i>Marine Chemistry</i> , 2004 , 86, 105-119	3.7	95
135	Radionuclide fluxes and particle scavenging in Cariaco Basin. <i>Continental Shelf Research</i> , 2004 , 24, 1451-1463	4.6	9
134	The effect of fiddler crab burrowing on sediment mixing and radionuclide profiles along a topographic gradient in a southeastern salt marsh. <i>Journal of Marine Research</i> , 2003 , 61, 359-390	1.5	60
133	Nutrient and Radium Fluxes from Submarine Groundwater Discharge to Port Royal Sound, South Carolina. <i>Aquatic Geochemistry</i> , 2003 , 9, 191-208	1.7	47
132	Sources and fluxes of submarine groundwater discharge delineated by radium isotopes. <i>Biogeochemistry</i> , 2003 , 66, 75-93	3.8	161
131	Groundwater and pore water inputs to the coastal zone. <i>Biogeochemistry</i> , 2003 , 66, 3-33	3.8	641
130	Salt marsh submarine groundwater discharge as traced by radium isotopes. <i>Marine Chemistry</i> , 2003 , 84, 113-121	3.7	75
129	The geochemistry of dissolved inorganic carbon in a surficial groundwater aquifer in North Inlet, South Carolina, and the carbon fluxes to the coastal ocean. <i>Geochimica Et Cosmochimica Acta</i> , 2003 , 67, 631-639	5.5	134
128	Analysis of ²²⁷ Ac in seawater by delayed coincidence counting. <i>Marine Chemistry</i> , 2002 , 78, 197-203	3.7	14
127	Assessing methodologies for measuring groundwater discharge to the ocean. <i>Eos</i> , 2002 , 83, 117	1.5	79
126	Thermal evidence of water exchange through a coastal aquifer: Implications for nutrient fluxes. <i>Geophysical Research Letters</i> , 2002 , 29, 49-1-49-4	4.9	63
125	Thermal evidence of water exchange through a coastal aquifer: Implications for nutrient fluxes. <i>Geophysical Research Letters</i> , 2002 , 29, 49-1-49-4	4.9	2
124	Factors influencing ⁷ Be accumulation on rock varnish. <i>Geophysical Research Letters</i> , 2001 , 28, 4475-4478	4.9	8
123	Using multiple geochemical tracers to characterize the hydrogeology of the submarine spring off Crescent Beach, Florida. <i>Chemical Geology</i> , 2001 , 179, 187-202	4.2	108
122	Measurement of ²²⁴ Ra and ²²⁵ Ra activities in natural waters using a radon-in-air monitor. <i>Environmental Science & Technology</i> , 2001 , 35, 4680-3	10.3	128
121	Influence of Boundary Scavenging and Sediment Focusing on ²³⁴ Th, ²²⁸ Th and ²¹⁰ Pb Fluxes in the Santa Barbara Basin. <i>Estuarine, Coastal and Shelf Science</i> , 2000 , 51, 373-384	2.9	22
120	Mass wasting, ephemeral fluid flow, and barite deposition on the California continental margin. <i>Geology</i> , 2000 , 28, 315	5	43

119	Determining coastal mixing rates using radium isotopes. <i>Continental Shelf Research</i> , 2000 , 20, 1993-2007.	2.4	208
118	Using Ra isotopes to examine transport processes controlling benthic fluxes into a shallow estuarine lagoon. <i>Geochimica Et Cosmochimica Acta</i> , 2000 , 64, 3685-3699	5.5	63
117	Marsh nutrient export supplied by groundwater discharge: Evidence from radium measurements. <i>Global Biogeochemical Cycles</i> , 2000 , 14, 167-176	5.9	170
116	Ages of continental shelf waters determined from ²²³ Ra and ²²⁴ Ra. <i>Journal of Geophysical Research</i> , 2000 , 105, 22117-22122		141
115	and in the mixing zones of the Mississippi and Atchafalaya Rivers: indicators of groundwater input. <i>Marine Chemistry</i> , 1999 , 64, 129-152	3.7	122
114	Comparison of ²²² Rn, ²²³ Ra, and fluxes with fluxes of major sediment components in the Guaymas Basin, Gulf of California. <i>Marine Chemistry</i> , 1999 , 65, 177-194	3.7	23
113	The subterranean estuary: a reaction zone of ground water and sea water. <i>Marine Chemistry</i> , 1999 , 65, 111-125	3.7	683
112	Cycling of radium and barium in the Black Sea. <i>Journal of Environmental Radioactivity</i> , 1999 , 43, 247-254	2.4	11
111	Combining organic petrography and palynology to assess anthropogenic impacts on peatlands. <i>International Journal of Coal Geology</i> , 1999 , 39, 3-45	5.5	18
110	Combining organic petrography and palynology to assess anthropogenic impacts on peatlands: Part 2. An example from a Carolina Bay wetland at the Savannah River Site in South Carolina. <i>International Journal of Coal Geology</i> , 1999 , 39, 47-95	5.5	12
109	A clue regarding the origin of rock varnish. <i>Geophysical Research Letters</i> , 1999 , 26, 103-106	4.9	52
108	The flux of barium to the coastal waters of the southeastern USA: the importance of submarine groundwater discharge. <i>Geochimica Et Cosmochimica Acta</i> , 1998 , 62, 3047-3054	5.5	147
107	Identification of rain-freshened plumes in the coastal ocean using Ra isotopes and Si. <i>Journal of Geophysical Research</i> , 1998 , 103, 7709-7717		12
106	Chemical signals from submarine fluid advection onto the continental shelf. <i>Journal of Geophysical Research</i> , 1998 , 103, 21543-21552		72
105	Application of ²²⁶ Ra, ²²⁸ Ra, ²²³ Ra, and ²²⁴ Ra in coastal waters to assessing coastal mixing rates and groundwater discharge to oceans. <i>Journal of Earth System Science</i> , 1998 , 107, 343-349	1.8	3
104	²³⁴ Th and ²¹⁰ Pb evidence for rapid ingestion of settling particles by mobile epibenthic megafauna in the abyssal NE Pacific. <i>Limnology and Oceanography</i> , 1997 , 42, 589-595	4.8	35
103	High fluxes of radium and barium from the mouth of the Ganges-Brahmaputra River during low river discharge suggest a large groundwater source. <i>Earth and Planetary Science Letters</i> , 1997 , 150, 141-150	5.3	198
102	Subaqueous delta of the Ganges-Brahmaputra river system. <i>Marine Geology</i> , 1997 , 144, 81-96	3.3	181

101	Radionuclide tracers of sediment-water interactions on the Amazon shelf. <i>Continental Shelf Research</i> , 1996 , 16, 645-665	2.4	50
100	Measurement of ²²³ Ra and ²²⁴ Ra in coastal waters using a delayed coincidence counter. <i>Journal of Geophysical Research</i> , 1996 , 101, 1321-1329		399
99	Sedimentation rate as determined by ²²⁶ Ra activity in marine barite. <i>Geochimica Et Cosmochimica Acta</i> , 1996 , 60, 4313-4319	5.5	46
98	Using the radium quartet for evaluating groundwater input and water exchange in salt marshes. <i>Geochimica Et Cosmochimica Acta</i> , 1996 , 60, 4645-4652	5.5	176
97	Large groundwater inputs to coastal waters revealed by ²²⁶ Ra enrichments. <i>Nature</i> , 1996 , 380, 612-614	50.4	768
96	Submarine groundwater discharge. <i>Nature</i> , 1996 , 382, 121-122	50.4	109
95	Submarine groundwater discharge. <i>Nature</i> , 1996 , 382, 122-122	50.4	34
94	The behaviour of uranium and radium in an inverse estuary. <i>Continental Shelf Research</i> , 1995 , 15, 1569-1583		17
93	²²⁸ Th/ ²²⁸ Ra ages of a barite-rich chimney from the Endeavour Segment of the Juan de Fuca Ridge. <i>Earth and Planetary Science Letters</i> , 1995 , 131, 99-113	5.3	23
92	²¹⁰ Po and ²¹⁰ Pb disequilibrium in the hydrothermal vent fluids and chimney deposits from Juan de Fuca Ridge. <i>Geophysical Research Letters</i> , 1995 , 22, 3175-3178	4.9	1
91	Radium isotopes in coastal waters on the Amazon shelf. <i>Geochimica Et Cosmochimica Acta</i> , 1995 , 59, 4285-4298	5.4	69
90	Suspended sediment distribution and residual transport in the coastal ocean off the Ganges-Brahmaputra river mouth. <i>Marine Geology</i> , 1994 , 120, 41-61	3.3	68
89	Elemental and isotopic fluxes in the Southern California Bight: A time-series sediment trap study in the San Pedro Basin. <i>Journal of Geophysical Research</i> , 1994 , 99, 875		22
88	Uranium removal during low discharge in the Ganges-Brahmaputra mixing zone. <i>Geochimica Et Cosmochimica Acta</i> , 1993 , 57, 4987-4995	5.5	29
87	Radium isotopes in the Orinoco estuary and eastern Caribbean Sea. <i>Journal of Geophysical Research</i> , 1993 , 98, 2233-2244		49
86	The role of the Ganges-Brahmaputra mixing zone in supplying barium and ²²⁶ Ra to the Bay of Bengal. <i>Geochimica Et Cosmochimica Acta</i> , 1993 , 57, 2981-2990	5.5	92
85	Evaluation of salt marsh hydrology using radium as a tracer. <i>Geochimica Et Cosmochimica Acta</i> , 1993 , 57, 2203-2212	5.5	51
84	Cores drilled into active smokers on Juan de Fuca Ridge. <i>Eos</i> , 1992 , 73, 273-273	1.5	5

83	226Ra in the Black Sea and Sea of Marmara. <i>Earth and Planetary Science Letters</i> , 1992 , 110, 7-21	5.3	8
82	Changes in the depositional flux of 10Be in the Orca Basin, Gulf of Mexico: Inverse correlation with $\delta^{18}O$. <i>Chemical Geology: Isotope Geoscience Section</i> , 1991 , 86, 253-258		3
81	Depletion of barium and radium-226 in Black Sea surface waters over the past thirty years. <i>Nature</i> , 1991 , 350, 491-494	50.4	32
80	Fluxes of 226Ra and barium in the Pacific Ocean: The importance of boundary processes. <i>Earth and Planetary Science Letters</i> , 1991 , 107, 55-68	5.3	46
79	Evolution of hydrothermal activity on the Juan de Fuca Ridge: Observations, mineral ages, and Ra isotope ratios. <i>Journal of Geophysical Research</i> , 1991 , 96, 21739-21752		29
78	Trace metal enrichments in waters of the Gulf of Cadiz, Spain. <i>Geochimica Et Cosmochimica Acta</i> , 1991 , 55, 2173-2191	5.5	66
77	Geochemical Processes Occurring in the Waters at the Amazon River/Ocean Boundary. <i>Oceanography</i> , 1991 , 4, 15-20	2.3	36
76	Radionuclide Distributions in Recent Black Sea Sediments 1991 , 257-270		5
75	Particle/Solution Partitioning of Thorium Isotopes in Framvaren Fjord: Insights into Sorption Kinetics in a Super-Anoxic Environment 1991 , 130-141		3
74	Chemistry of uranium, thorium, and radium isotopes in the Ganga-Brahmaputra river system: Weathering processes and fluxes to the Bay of Bengal. <i>Geochimica Et Cosmochimica Acta</i> , 1990 , 54, 1387-1396	5.5	128
73	Oxygen and nitrate new production and remineralization in the North Atlantic subtropical gyre. <i>Journal of Geophysical Research</i> , 1990 , 95, 18303		88
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