

Willard Moore

List of Publications by Year in descending order

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225
papers

19,419
citations

9264

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12946

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231
docs citations

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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. <i>Reviews of Geophysics</i> , 2022, 60, . | 23.0 | 61 |
| 2 | Use of ^{223}Ra and ^{224}Ra as chronometers to estimate the residence time of Amazon waters on the Brazilian continental shelf. <i>Limnology and Oceanography</i> , 2022, 67, 753-767. | 3.1 | 4 |
| 3 | Saltwater Intrusion and Submarine Groundwater Discharge: Acceleration of Biogeochemical Reactions in Changing Coastal Aquifers. <i>Frontiers in Earth Science</i> , 2021, 9, . | 1.8 | 46 |
| 4 | Does a bottom-up mechanism promote hypoxia in the Mississippi Bight?. <i>Marine Chemistry</i> , 2021, 235, 104007. | 2.3 | 11 |
| 5 | 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. | 2.6 | 9 |
| 6 | Groundwater-Driven Methane Export Reduces Salt Marsh Blue Carbon Potential. <i>Global Biogeochemical Cycles</i> , 2020, 34, e2020GB006587. | 4.9 | 18 |
| 7 | A New Mechanism for Submarine Groundwater Discharge From Continental Shelves. <i>Water Resources Research</i> , 2020, 56, e2019WR026866. | 4.2 | 19 |
| 8 | 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. | 2.6 | 10 |
| 9 | 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. | 2.6 | 80 |
| 10 | 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. | 2.6 | 22 |
| 11 | Transport of Radium and Nutrients Through Eastern South African Beaches. <i>Journal of Geophysical Research: Oceans</i> , 2019, 124, 2010-2027. | 2.6 | 2 |
| 12 | 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. | 3.1 | 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. <i>Chemical Geology</i> , 2019, 510, 31-46. | 3.3 | 14 |
| 14 | 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. | 4.4 | 12 |
| 15 | 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. | 2.7 | 9 |
| 16 | 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. | 2.6 | 39 |
| 17 | Increased fluxes of shelf-derived materials to the central Arctic Ocean. <i>Science Advances</i> , 2018, 4, eaao1302. | 10.3 | 72 |
| 18 | Radium-228 as a tracer of dissolved trace element inputs from the Peruvian continental margin. <i>Marine Chemistry</i> , 2018, 201, 20-34. | 2.3 | 39 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 19 | Radium isotopes as tracers of hydrothermal inputs and neutrally buoyant plume dynamics in the deep ocean. <i>Marine Chemistry</i> , 2018, 201, 51-65. | 2.3 | 29 |
| 20 | Deep oxygen penetration drives nitrification in intertidal beach sands. <i>Limnology and Oceanography</i> , 2018, 63, S193. | 3.1 | 16 |
| 21 | The GEOTRACES Intermediate Data Product 2017. <i>Chemical Geology</i> , 2018, 493, 210-223. | 3.3 | 257 |
| 22 | 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. | 11.3 | 21 |
| 23 | 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. | 2.6 | 39 |
| 24 | 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. | 2.5 | 16 |
| 25 | Methanotrophy controls groundwater methane export from a barrier island. <i>Geochimica Et Cosmochimica Acta</i> , 2016, 179, 242-256. | 3.9 | 21 |
| 26 | A new perspective on coastal hypoxia: The role of saline groundwater. <i>Marine Chemistry</i> , 2016, 179, 1-11. | 2.3 | 59 |
| 27 | Intense nitrogen cycling in permeable intertidal sediment revealed by a nitrous oxide hot spot. <i>Global Biogeochemical Cycles</i> , 2015, 29, 1584-1598. | 4.9 | 23 |
| 28 | 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. | 4.2 | 47 |
| 29 | 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. | 1.8 | 13 |
| 30 | “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 | 66 |
| 31 | Groundwater transport and radium variability in coastal porewaters. <i>Estuarine, Coastal and Shelf Science</i> , 2015, 164, 94-104. | 2.1 | 8 |
| 32 | Radium isotope distributions during the US GEOTRACES North Atlantic cruises. <i>Marine Chemistry</i> , 2015, 177, 184-195. | 2.3 | 68 |
| 33 | Determination of particulate and dissolved ²²⁸ Th in seawater using a delayed coincidence counter. <i>Marine Chemistry</i> , 2015, 177, 196-202. | 2.3 | 9 |
| 34 | Groundwater controls ecological zonation of salt marsh macrophytes. <i>Ecology</i> , 2015, 96, 840-849. | 3.2 | 73 |
| 35 | Hydrothermal vents: A previously unrecognized source of actinium-227 to the deep ocean. <i>Marine Chemistry</i> , 2015, 177, 583-590. | 2.3 | 13 |
| 36 | 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. | 3.9 | 82 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | 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. | 2.1 | 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. <i>Marine Pollution Bulletin</i> , 2014, 82, 144-154. | 5.0 | 91 |
| 39 | History of human activity in coastal southern Brazil from sediment. <i>Marine Pollution Bulletin</i> , 2014, 78, 209-212. | 5.0 | 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). <i>Geochimica Et Cosmochimica Acta</i> , 2014, 131, 81-97. | 3.9 | 67 |
| 41 | Sediment size fractionation and focusing in the equatorial Pacific: Effect on ^{230}Th normalization and paleoflux measurements. <i>Paleoceanography</i> , 2014, 29, 747-763. | 3.0 | 15 |
| 42 | Controls on water column chemistry of the southern Brazilian continental shelf. <i>Continental Shelf Research</i> , 2014, 88, 126-139. | 1.8 | 10 |
| 43 | ^{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. | 3.9 | 65 |
| 44 | Global estimate of submarine groundwater discharge based on an observationally constrained radium isotope model. <i>Geophysical Research Letters</i> , 2014, 41, 8438-8444. | 4.0 | 236 |
| 45 | Calibration of RaDeCC systems for ^{223}Ra measurements. <i>Marine Chemistry</i> , 2013, 156, 130-137. | 2.3 | 49 |
| 46 | Inter-comparison of radium analysis in coastal sea water of the Asian region. <i>Marine Chemistry</i> , 2013, 156, 138-145. | 2.3 | 10 |
| 47 | 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. | 2.1 | 52 |
| 48 | Methodological advances for measuring low-level radium isotopes in seawater. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2013, 296, 357-362. | 1.5 | 46 |
| 49 | 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. | 2.6 | 22 |
| 50 | Detection and Quantification of Gaseous and Particulate Fukushima Fission Products at Orangeburg, South Carolina. <i>Health Physics</i> , 2013, 105, 49-64. | 0.5 | 2 |
| 51 | GEOTRACES radium isotopes interlaboratory comparison experiment. <i>Limnology and Oceanography: Methods</i> , 2012, 10, 451-463. | 2.0 | 24 |
| 52 | 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. | 1.4 | 12 |
| 53 | Estimation of submarine groundwater discharge and associated nutrient fluxes in Tolo Harbour, Hong Kong. <i>Science of the Total Environment</i> , 2012, 433, 427-433. | 8.0 | 87 |
| 54 | 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. | 1.4 | 16 |

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|----|--|------|-----------|
| 55 | Measurement of ^{224}Ra : ^{228}Th disequilibrium in coastal sediments using a delayed coincidence counter. <i>Marine Chemistry</i> , 2012, 138-139, 1-6. | 2.3 | 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. <i>Continental Shelf Research</i> , 2012, 35, 95-107. | 1.8 | 85 |
| 57 | 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. | 1.7 | 62 |
| 58 | Storm-driven groundwater flow in a salt marsh. <i>Water Resources Research</i> , 2011, 47, . | 4.2 | 52 |
| 59 | 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. | 3.9 | 99 |
| 60 | 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. | 1.4 | 67 |
| 61 | 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, 3909-3918. | 8.0 | 79 |
| 62 | 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. | 3.5 | 13 |
| 63 | Investigation of residence time and groundwater flux in Venice Lagoon: comparing radium isotope and hydrodynamical models. <i>Journal of Environmental Radioactivity</i> , 2010, 101, 571-581. | 1.7 | 52 |
| 64 | 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. | 2.3 | 24 |
| 65 | The Effect of Submarine Groundwater Discharge on the Ocean. <i>Annual Review of Marine Science</i> , 2010, 2, 59-88. | 11.6 | 700 |
| 66 | A reevaluation of submarine groundwater discharge along the southeastern coast of North America. <i>Global Biogeochemical Cycles</i> , 2010, 24, . | 4.9 | 60 |
| 67 | 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. | 3.1 | 13 |
| 68 | Fluxes and behavior of radium isotopes, barium, and uranium in seven Southeastern US rivers and estuaries. <i>Marine Chemistry</i> , 2008, 108, 236-254. | 2.3 | 81 |
| 69 | Fifteen years experience in measuring ^{224}Ra and ^{223}Ra by delayed-coincidence counting. <i>Marine Chemistry</i> , 2008, 109, 188-197. | 2.3 | 176 |
| 70 | The release of dissolved actinium to the ocean: A global comparison of different end-members. <i>Marine Chemistry</i> , 2008, 109, 409-420. | 2.3 | 19 |
| 71 | 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. | 2.3 | 67 |
| 72 | 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. | 2.3 | 21 |

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|----|---|------|-----------|
| 73 | Isotope tracing of submarine groundwater discharge offshore Ubatuba, Brazil: results of the IAEA-UNESCO SGD project. Journal of Environmental Radioactivity, 2008, 99, 1596-1610. | 1.7 | 70 |
| 74 | Submarine groundwater discharge revealed by 228Ra distribution in the upper Atlantic Ocean. Nature Geoscience, 2008, 1, 309-311. | 12.9 | 272 |
| 75 | Radon and radium isotopes as tracers of submarine groundwater discharge – Results from the Ubatuba, Brazil SGD assessment intercomparison. Estuarine, Coastal and Shelf Science, 2008, 76, 501-511. | 2.1 | 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. | 2.1 | 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. | 2.3 | 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. | 3.2 | 88 |
| 82 | Submarine groundwater discharge measured by seepage meters in sicilian coastal waters. Continental Shelf Research, 2006, 26, 835-842. | 1.8 | 49 |
| 83 | Radium isotopes as tracers of submarine groundwater discharge in Sicily. Continental Shelf Research, 2006, 26, 852-861. | 1.8 | 89 |
| 84 | Assessment of groundwater discharges into West Neck Bay, New York, via natural tracers. Continental Shelf Research, 2006, 26, 1971-1983. | 1.8 | 59 |
| 85 | Submarine groundwater discharge: A large, previously unrecognized source of dissolved iron to the South Atlantic Ocean. Marine Chemistry, 2006, 102, 252-266. | 2.3 | 215 |
| 86 | Characterisation of submarine groundwater discharge offshore south-eastern Sicily. Journal of Environmental Radioactivity, 2006, 89, 81-101. | 1.7 | 74 |
| 87 | Quantifying submarine groundwater discharge in the coastal zone via multiple methods. Science of the Total Environment, 2006, 367, 498-543. | 8.0 | 791 |
| 88 | Submarine groundwater discharge: An important source of new inorganic nitrogen to coral reef ecosystems. Limnology and Oceanography, 2006, 51, 343-348. | 3.1 | 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. | 4.4 | 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. | 5.0 | 28 |
| 93 | Distribution of ²²³ Ra and ²²⁴ Ra in the plumes of the Mississippi and Atchafalaya Rivers and the Gulf of Mexico. Marine Chemistry, 2004, 86, 105-119. | 2.3 | 108 |
| 94 | Radionuclide fluxes and particle scavenging in Cariaco Basin. Continental Shelf Research, 2004, 24, 1451-1463. | 1.8 | 10 |
| 95 | Nutrient and Radium Fluxes from Submarine Groundwater Discharge to Port Royal Sound, South Carolina. Aquatic Geochemistry, 2003, 9, 191-208. | 1.3 | 57 |
| 96 | Sources and fluxes of submarine groundwater discharge delineated by radium isotopes. Biogeochemistry, 2003, 66, 75-93. | 3.5 | 197 |
| 97 | Groundwater and pore water inputs to the coastal zone. Biogeochemistry, 2003, 66, 3-33. | 3.5 | 824 |
| 98 | Salt marsh submarine groundwater discharge as traced by radium isotopes. Marine Chemistry, 2003, 84, 113-121. | 2.3 | 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. | 3.9 | 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. | 4.0 | 72 |
| 103 | Analysis of ²²⁷ Ac in seawater by delayed coincidence counting. Marine Chemistry, 2002, 78, 197-203. | 2.3 | 19 |
| 104 | Thermal evidence of water exchange through a coastal aquifer: Implications for nutrient fluxes. Geophysical Research Letters, 2002, 29, 49-1-49-4. | 4.0 | 13 |
| 105 | Factors influencing ⁷ Be accumulation on rock varnish. Geophysical Research Letters, 2001, 28, 4475-4478. | 4.0 | 10 |
| 106 | Using multiple geochemical tracers to characterize the hydrogeology of the submarine spring off Crescent Beach, Florida. Chemical Geology, 2001, 179, 187-202. | 3.3 | 139 |
| 107 | Measurement of ²²⁴ Ra and ²²⁶ Ra Activities in Natural Waters Using a Radon-in-Air Monitor. Environmental Science & Technology, 2001, 35, 4680-4683. | 10.0 | 148 |
| 108 | Influence of Boundary Scavenging and Sediment Focusing on ²³⁴ Th, ²²⁸ Th and ²¹⁰ Pb Fluxes in the Santa Barbara Basin. Estuarine, Coastal and Shelf Science, 2000, 51, 373-384. | 2.1 | 23 |

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|-----|---|-----|-----------|
| 109 | Mass wasting, ephemeral fluid flow, and barite deposition on the California continental margin. <i>Geology</i> , 2000, 28, 315. | 4.4 | 60 |
| 110 | Determining coastal mixing rates using radium isotopes. <i>Continental Shelf Research</i> , 2000, 20, 1993-2007. | 1.8 | 250 |
| 111 | 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. | 3.9 | 78 |
| 112 | Marsh nutrient export supplied by groundwater discharge: Evidence from radium measurements. <i>Global Biogeochemical Cycles</i> , 2000, 14, 167-176. | 4.9 | 214 |
| 113 | Ages of continental shelf waters determined from ²²³ Ra and ²²⁴ Ra. <i>Journal of Geophysical Research</i> , 2000, 105, 22117-22122. | 3.3 | 170 |
| 114 | and in the mixing zones of the Mississippi and Atchafalaya Rivers: indicators of groundwater input. <i>Marine Chemistry</i> , 1999, 64, 129-152. | 2.3 | 139 |
| 115 | Comparison of , , and fluxes with fluxes of major sediment components in the Guaymas Basin, Gulf of California. <i>Marine Chemistry</i> , 1999, 65, 177-194. | 2.3 | 25 |
| 116 | The subterranean estuary: a reaction zone of ground water and sea water. <i>Marine Chemistry</i> , 1999, 65, 111-125. | 2.3 | 838 |
| 117 | Cycling of radium and barium in the Black Sea. <i>Journal of Environmental Radioactivity</i> , 1999, 43, 247-254. | 1.7 | 12 |
| 118 | Combining organic petrography and palynology to assess anthropogenic impacts on peatlands. <i>International Journal of Coal Geology</i> , 1999, 39, 3-45. | 5.0 | 24 |
| 119 | Combining organic petrography and palynology to assess anthropogenic impacts on peatlands. <i>International Journal of Coal Geology</i> , 1999, 39, 47-95. | 5.0 | 14 |
| 120 | A clue regarding the origin of rock varnish. <i>Geophysical Research Letters</i> , 1999, 26, 103-106. | 4.0 | 64 |
| 121 | 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. | 3.9 | 172 |
| 122 | Identification of rain-freshened plumes in the coastal ocean using Ra isotopes and Si. <i>Journal of Geophysical Research</i> , 1998, 103, 7709-7717. | 3.3 | 14 |
| 123 | Chemical signals from submarine fluid advection onto the continental shelf. <i>Journal of Geophysical Research</i> , 1998, 103, 21543-21552. | 3.3 | 88 |
| 124 | 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. | 1.3 | 6 |
| 125 | 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. | 3.1 | 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. <i>Earth and Planetary Science Letters</i> , 1997, 150, 141-150. | 4.4 | 233 |

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|-----|---|------|-----------|
| 127 | Subaqueous delta of the Ganges-Brahmaputra river system. <i>Marine Geology</i> , 1997, 144, 81-96. | 2.1 | 210 |
| 128 | Radionuclide tracers of sediment-water interactions on the Amazon shelf. <i>Continental Shelf Research</i> , 1996, 16, 645-665. | 1.8 | 58 |
| 129 | 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. | 3.3 | 499 |
| 130 | Sedimentation rate as determined by ^{226}Ra activity in marine barite. <i>Geochimica Et Cosmochimica Acta</i> , 1996, 60, 4313-4319. | 3.9 | 52 |
| 131 | Using the radium quartet for evaluating groundwater input and water exchange in salt marshes. <i>Geochimica Et Cosmochimica Acta</i> , 1996, 60, 4645-4652. | 3.9 | 202 |
| 132 | Large groundwater inputs to coastal waters revealed by ^{226}Ra enrichments. <i>Nature</i> , 1996, 380, 612-614. | 27.8 | 926 |
| 133 | Submarine groundwater discharge. <i>Nature</i> , 1996, 382, 121-122. | 27.8 | 123 |
| 134 | Submarine groundwater discharge. <i>Nature</i> , 1996, 382, 122-122. | 27.8 | 39 |
| 135 | The behaviour of uranium and radium in an inverse estuary. <i>Continental Shelf Research</i> , 1995, 15, 1569-1583. | 1.8 | 18 |
| 136 | $^{228}\text{Th}/^{228}\text{Ra}$ 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. | 4.4 | 27 |
| 137 | ^{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. | 4.0 | 2 |
| 138 | Radium isotopes in coastal waters on the Amazon shelf. <i>Geochimica Et Cosmochimica Acta</i> , 1995, 59, 4285-4298. | 3.9 | 82 |
| 139 | Suspended sediment distribution and residual transport in the coastal ocean off the Ganges-Brahmaputra river mouth. <i>Marine Geology</i> , 1994, 120, 41-61. | 2.1 | 78 |
| 140 | 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. | 3.3 | 24 |
| 141 | Uranium removal during low discharge in the Ganges-Brahmaputra mixing zone. <i>Geochimica Et Cosmochimica Acta</i> , 1993, 57, 4987-4995. | 3.9 | 33 |
| 142 | Radium isotopes in the Orinoco estuary and eastern Caribbean Sea. <i>Journal of Geophysical Research</i> , 1993, 98, 2233-2244. | 3.3 | 59 |
| 143 | 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. | 3.9 | 101 |
| 144 | Evaluation of salt marsh hydrology using radium as a tracer. <i>Geochimica Et Cosmochimica Acta</i> , 1993, 57, 2203-2212. | 3.9 | 56 |

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|-----|---|------|-----------|
| 145 | Cores drilled into active smokers on Juan de Fuca ridge. <i>Eos</i> , 1992, 73, 273-273. | 0.1 | 8 |
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