

# Control of Methane Sediment-Water Bubble Transport Lookout Bight, North Carolina

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Methane oxidation in Cape Lookout Bight, North Carolina 1. <i>Limnology and Oceanography</i> , 1978, 23, 349-355.	3.1	52
2	Sulfide releases from Lake Ontario sediments 1. <i>Limnology and Oceanography</i> , 1978, 23, 375-377.	3.1	1
3	THE EFFECTS OF ANIMAL-SEDIMENT INTERACTIONS ON GEOCHEMICAL PROCESSES NEAR THE SEDIMENT-WATER INTERFACE. , 1978, , 157-172.		41
4	Review of marine geochemistry. <i>Reviews of Geophysics</i> , 1979, 17, 1447-1473.	23.0	6
6	Sediment-Water Chemical Exchange in the Coastal Zone Traced by in situ Radon-222 Flux Measurements. <i>Science</i> , 1980, 208, 285-288.	12.6	168
7	Biogeochemical cycling in an organic-rich coastal marine basin <sup>1</sup> . Methane sediment-water exchange processes. <i>Geochimica Et Cosmochimica Acta</i> , 1980, 44, 471-490.	3.9	343
8	Quantifying solute distributions in the bioturbated zone of marine sediments by defining an average microenvironment. <i>Geochimica Et Cosmochimica Acta</i> , 1980, 44, 1955-1965.	3.9	327
9	Atmospherically-derived radionuclides as tracers of sediment mixing and accumulation in near-shore marine and lake sediments: Evidence from <sup>7</sup> Be, <sup>210</sup> Pb, and <sup>239,240</sup> Pu. <i>Earth and Planetary Science Letters</i> , 1980, 47, 307-318.	4.4	109
10	Methane in the upper water column of the northwestern Gulf of Mexico. <i>Journal of Geophysical Research</i> , 1981, 86, 11029-11040.	3.3	78
11	Biogeochemical cycling in an organic rich coastal marine basin <sup>2</sup> . Nutrient sediment-water exchange processes. <i>Geochimica Et Cosmochimica Acta</i> , 1981, 45, 101-121.	3.9	237
12	Methane Production from Acetate and Associated Methane Fluxes from Anoxic Coastal Sediments. <i>Science</i> , 1981, 211, 707-709.	12.6	127
13	Biogeochemical cycling in an organic-rich coastal marine basin <sup>3</sup> . Dissolved gas transport in methane-saturated sediments. <i>Geochimica Et Cosmochimica Acta</i> , 1982, 46, 2049-2060.	3.9	61
14	Radon-222 as a tracer for mixing in the water column and benthic exchange in the southern California borderland. <i>Earth and Planetary Science Letters</i> , 1982, 61, 41-54.	4.4	66
15	Volatile fatty acid cycling in organic-rich marine sediments. <i>Geochimica Et Cosmochimica Acta</i> , 1982, 46, 1575-1589.	3.9	143
16	Methane emission from rice paddies. <i>Journal of Atmospheric Chemistry</i> , 1983, 1, 241-268.	3.2	292
17	Geochemistry of burrow waters vented by a bioturbating shrimp in Bermudian sediments. <i>Marine Biology</i> , 1983, 72, 219-225.	1.5	51
18	Spatial and temporal fluctuations of methane production in anoxic coastal marine sediments. <i>Limnology and Oceanography</i> , 1983, 28, 1117-1130.	3.1	97
19	Biogeochemical cycling in an organic-rich coastal marine basin 4. An organic carbon budget for sediments dominated by sulfate reduction and methanogenesis. <i>Geochimica Et Cosmochimica Acta</i> , 1984, 48, 1987-2004.	3.9	227

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21	Biogenic methane formation in marine and freshwater environments: CO <sub>2</sub> reduction vs. acetate fermentation—Isotope evidence. <i>Geochimica Et Cosmochimica Acta</i> , 1986, 50, 693-709.	3.9	1,652
22	Methane oxidation in sediment and water column environments—Isotope evidence. <i>Organic Geochemistry</i> , 1986, 10, 759-768.	1.8	362
23	Methane production from bicarbonate and acetate in an anoxic marine sediment. <i>Geochimica Et Cosmochimica Acta</i> , 1986, 50, 2089-2097.	3.9	99
24	Biogeochemical cycling in an organic-rich coastal marine basin. 7. Sulfur mass balance, oxygen uptake and sulfide retention. <i>Geochimica Et Cosmochimica Acta</i> , 1987, 51, 1187-1199.	3.9	128
25	Seasonal variations of D/H and <sup>13</sup> C/ <sup>12</sup> C ratios of microbial methane in surface sediments. <i>Nature</i> , 1988, 332, 829-831.	27.8	61
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28	Prospecting for Zones of Contaminated Ground-Water Discharge to Streams Using Bottom-Sediment Gas Bubbles. <i>Ground Water</i> , 1991, 29, 333-340.	1.3	12
29	The importance of episodic events in controlling the flux of methane from an anoxic basin. <i>Global Biogeochemical Cycles</i> , 1993, 7, 491-507.	4.9	36
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31	The limitations to organic loading on a bottom of a coastal ecosystem. <i>Marine Pollution Bulletin</i> , 1994, 28, 73-80.	5.0	14
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35	The <sup>13</sup> C of biogenic methane in marine sediments: the influence of Corg deposition rate. <i>Chemical Geology</i> , 1998, 152, 139-150.	3.3	35
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38	Sediment porewater exchange and solute release during ebullition. <i>Marine Chemistry</i> , 2006, 102, 60-71.	2.3	29

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39	Bubble-induced porewater mixing: A 3-D model for deep porewater irrigation. <i>Geochimica Et Cosmochimica Acta</i> , 2007, 71, 5135-5154.	3.9	89
40	Relating sulfate and methane dynamics to geology: Accretionary prism offshore SW Taiwan. <i>Geochemistry, Geophysics, Geosystems</i> , 2013, 14, 2523-2545.	2.5	57
41	Modeling benthicâ€“pelagic nutrient exchange processes and porewater distributions in a seasonally hypoxic sediment: evidence for massive phosphate release by &lt;i>Beggiatoa&lt;/i>?. <i>Biogeosciences</i> , 2013, 10, 629-651.	3.3	57
42	<i>Marine Ecological Processes.</i> , 2015, , .		19
43	<i>Geomicrobiology of Sulfur.</i> , 2015, , 494-531.		0
44	The utility of estuarine settling basins for constructing multi-decadal, high-resolution records of sedimentation. <i>Estuarine, Coastal and Shelf Science</i> , 2015, 164, 105-114.	2.1	6
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51	Growth of <i>Desulfovibrio</i> in Lactate or Ethanol Media Low in Sulfate in Association with H <sub>2</sub> -Utilizing Methanogenic Bacteria. <i>Applied and Environmental Microbiology</i> , 1977, 33, 1162-1169.	3.1	460
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56	<i>Geomicrobiology of Fossil Fuels.</i> , 2008, , 537-576.		0
57	<i>Carbon and Hydrogen Isotope Variations in Marine Sediment Gases.</i> , 1990, , 205-213.		1
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