

Robert Aller

List of Publications by Year in descending order

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134
papers

13,919
citations

16411

64
h-index

20307

116
g-index

135
all docs

135
docs citations

135
times ranked

8565
citing authors

#	ARTICLE	IF	CITATIONS
1	Diffusion coefficients in nearshore marine sediments ¹ . <i>Limnology and Oceanography</i> , 1982, 27, 552-556.	1.6	757
2	Bioturbation and remineralization of sedimentary organic matter: effects of redox oscillation. <i>Chemical Geology</i> , 1994, 114, 331-345.	1.4	640
3	The Fate of Terrestrial Organic Carbon in the Marine Environment. <i>Annual Review of Marine Science</i> , 2012, 4, 401-423.	5.1	482
4	Rapid, small-volume, flow injection analysis for SCO ₂ , and NH ₄ ⁺ in marine and freshwaters. <i>Limnology and Oceanography</i> , 1992, 37, 1113-1119.	1.6	452
5	Coastal ocean acidification: The other eutrophication problem. <i>Estuarine, Coastal and Shelf Science</i> , 2014, 148, 1-13.	0.9	417
6	Complete oxidation of solid phase sulfides by manganese and bacteria in anoxic marine sediments. <i>Geochimica Et Cosmochimica Acta</i> , 1988, 52, 751-765.	1.6	355
7	The effect of biogenic irrigation intensity and solute exchange on diagenetic reaction rates in marine sediments. <i>Journal of Marine Research</i> , 1998, 56, 905-936.	0.3	349
8	Sulfate reduction, diffusion, and bioturbation in Long Island Sound sediments; report of the FOAM Group. <i>Numerische Mathematik</i> , 1977, 277, 193-237.	0.7	328
9	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.	1.6	327
10	Rapid Clay Mineral Formation in Amazon Delta Sediments: Reverse Weathering and Oceanic Elemental Cycles. <i>Science</i> , 1995, 270, 614-617.	6.0	324
11	Mobile deltaic and continental shelf muds as suboxic, fluidized bed reactors. <i>Marine Chemistry</i> , 1998, 61, 143-155.	0.9	305
12	²³⁴ Th/ ²³⁸ U disequilibrium in near-shore sediment: Particle reworking and diagenetic time scales. <i>Earth and Planetary Science Letters</i> , 1976, 29, 37-50.	1.8	265
13	Anaerobic ammonium oxidation by nitrite (anammox): Implications for N ₂ production in coastal marine sediments. <i>Geochimica Et Cosmochimica Acta</i> , 2005, 69, 2057-2065.	1.6	255
14	Carbonate Dissolution in Nearshore Terrigenous Muds: The Role of Physical and Biological Reworking. <i>Journal of Geology</i> , 1982, 90, 79-95.	0.7	246
15	Coupled anoxic nitrification/manganese reduction in marine sediments. <i>Geochimica Et Cosmochimica Acta</i> , 1999, 63, 49-66.	1.6	235
16	Early diagenesis of biogenic silica in the Amazon delta: alteration, authigenic clay formation, and storage. <i>Geochimica Et Cosmochimica Acta</i> , 2004, 68, 1061-1085.	1.6	234
17	Ammonium adsorption in marine sediments ¹ . <i>Limnology and Oceanography</i> , 1984, 29, 250-257.	1.6	231
18	Evidence for localized enhancement of biological associated with tube and burrow structures in deep-sea sediments at the HEEBLE site, western North Atlantic. <i>Deep-sea Research Part A, Oceanographic Research Papers</i> , 1986, 33, 755-790.	1.6	231

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19	Effects of the marine deposit-feeders <i>Heteromastus filiformis</i> (Polychaeta), <i>Macoma balthica</i> (Bivalvia), and <i>Tellina texana</i> (Bivalvia) on averaged sedimentary solute transport, reaction rates, and microbial distributions. <i>Journal of Marine Research</i> , 1985, 43, 615-645.	0.3	224
20	Meiofauna and solute transport in marine muds. <i>Limnology and Oceanography</i> , 1992, 37, 1018-1033.	1.6	203
21	The sedimentary Mn cycle in Long Island Sound: Its role as intermediate oxidant and the influence of bioturbation, O ₂ , and C _{org} flux on diagenetic reaction balances. <i>Journal of Marine Research</i> , 1994, 52, 259-295.	0.3	200
22	Early diagenesis of chlorophyll- <i>a</i> in Long Island Sound sediments: A measure of carbon flux and particle reworking. <i>Journal of Marine Research</i> , 1991, 49, 379-401.	0.3	185
23	Coral Growth Related to Resuspension of Bottom Sediments. <i>Nature</i> , 1974, 247, 574-577.	13.7	182
24	Carbon remineralization in the Amazon-Guianas tropical mobile mudbelt: A sedimentary incinerator. <i>Continental Shelf Research</i> , 2006, 26, 2241-2259.	0.9	181
25	Laboratory studies of oxic and anoxic degradation of chlorophyll- <i>a</i> in Long Island Sound sediments. <i>Geochimica Et Cosmochimica Acta</i> , 1993, 57, 147-157.	1.6	176
26	The importance of the diffusive permeability of animal burrow linings in determining marine sediment chemistry. <i>Journal of Marine Research</i> , 1983, 41, 299-322.	0.3	164
27	Diagenetic Processes Near the Sediment-Water Interface of Long Island Sound. II. Fe and Mn. <i>Advances in Geophysics</i> , 1980, 22, 351-415.	1.1	160
28	From bedrock to burial: the evolution of particulate organic carbon across coupled watershed-continental margin systems. <i>Marine Chemistry</i> , 2004, 92, 141-156.	0.9	155
29	Origin of Amazon mudbanks along the northeastern coast of South America. <i>Marine Geology</i> , 2000, 163, 241-256.	0.9	148
30	Importance of suspended particulates in riverine delivery of bioavailable nitrogen to coastal zones. <i>Global Biogeochemical Cycles</i> , 1998, 12, 573-579.	1.9	142
31	Nitrogen removal in marine environments: recent findings and future research challenges. <i>Marine Chemistry</i> , 2005, 94, 125-145.	0.9	142
32	Anaerobic methane oxidation on the Amazon shelf. <i>Geochimica Et Cosmochimica Acta</i> , 1995, 59, 3707-3715.	1.6	131
33	Direct measurement of dissolved inorganic nitrogen exchange and denitrification in individual polychaete (<i>Nereis virens</i>) burrows. <i>Journal of Marine Research</i> , 1991, 49, 355-377.	0.3	129
34	Unsteady diagenetic processes and sulfur biogeochemistry in tropical deltaic muds: Implications for oceanic isotope cycles and the sedimentary record. <i>Geochimica Et Cosmochimica Acta</i> , 2010, 74, 4671-4692.	1.6	129
35	Early chemical diagenesis, sediment-water solute exchange, and storage of reactive organic matter near the mouth of the Changjiang, East China Sea. <i>Continental Shelf Research</i> , 1985, 4, 227-251.	0.9	124
36	Effects of oxygen and redox oscillation on degradation of cell-associated lipids in surficial marine sediments. <i>Geochimica Et Cosmochimica Acta</i> , 2002, 66, 2003-2012.	1.6	121

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37	Tracking particle-associated processes in nearshore environments by use of $^{234}\text{Th}/^{238}\text{U}$ disequilibrium. <i>Earth and Planetary Science Letters</i> , 1980, 47, 161-175.	1.8	120
38	Two-dimensional pH distributions and dynamics in bioturbated marine sediments. <i>Geochimica Et Cosmochimica Acta</i> , 2006, 70, 4933-4949.	1.6	118
39	Early diagenetic remineralization of sedimentary organic C in the Gulf of Papua deltaic complex (Papua). <i>Geochimica Et Cosmochimica Acta</i> , 2004, 68, 1815-1825.	1.6	116
40	Dissolved Al in sediments and waters of the East China Sea: Implications for authigenic mineral formation. <i>Geochimica Et Cosmochimica Acta</i> , 1984, 48, 281-297.	1.6	112
41	Comparative biogeochemistry of water in intertidal <i>Upogebia</i> (polychaeta) and <i>Upogebia</i> (crustacea) burrows: temporal patterns and causes. <i>Journal of Marine Research</i> , 1983, 41, 571-604.	0.3	110
42	The influence of macrofaunal burrow spacing and diffusive scaling on sedimentary nitrification and denitrification: An experimental simulation and model approach. <i>Journal of Marine Research</i> , 2003, 61, 101-125.	0.3	104
43	Coupling between sedimentary dynamics, early diagenetic processes, and biogeochemical cycling in the Amazon-Guianas mobile mud belt: coastal French Guiana. <i>Marine Geology</i> , 2004, 208, 331-360.	0.9	104
44	Anoxic and oxic degradation of ^{14}C -labeled chloropigments and a ^{14}C -labeled diatom in Long Island Sound sediments. <i>Limnology and Oceanography</i> , 1993, 38, 1438-1451.	1.6	102
45	A pH plate fluorosensor (optode) for early diagenetic studies of marine sediments. <i>Limnology and Oceanography</i> , 2002, 47, 212-220.	1.6	102
46	Biogeochemical heterogeneity and suboxic diagenesis in hemipelagic sediments of the Panama Basin. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 1998, 45, 133-165.	0.6	101
47	Conceptual models of early diagenetic processes: The muddy seafloor as an unsteady, batch reactor. <i>Journal of Marine Research</i> , 2004, 62, 815-835.	0.3	99
48	Spatial and temporal distributions of sedimentary chloropigments as indicators of benthic processes in Long Island Sound. <i>Journal of Marine Research</i> , 1994, 52, 149-176.	0.3	95
49	Conversion of diatoms to clays during early diagenesis in tropical, continental shelf muds. <i>Geology</i> , 2000, 28, 1095.	2.0	95
50	Estimates of particle flux and reworking at the deep-sea floor using $^{234}\text{Th}/^{238}\text{U}$ disequilibrium. <i>Earth and Planetary Science Letters</i> , 1984, 67, 308-318.	1.8	93
51	Infaunal density, biomass and bioturbation in the sediments of the Arctic Ocean. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 1997, 44, 1683-1704.	0.6	93
52	Fluorine mobility during early diagenesis of carbonate sediment: An indicator of mineral transformations. <i>Geochimica Et Cosmochimica Acta</i> , 1991, 55, 2491-2509.	1.6	92
53	Carbonate dissolution and temporal abundances of Foraminifera in Long Island Sound sediments. <i>Limnology and Oceanography</i> , 1993, 38, 331-345.	1.6	88
54	The importance of relict burrow structures and burrow irrigation in controlling sedimentary solute distributions. <i>Geochimica Et Cosmochimica Acta</i> , 1984, 48, 1929-1934.	1.6	86

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55	General characteristics of benthic faunas on the Amazon inner continental shelf with comparison to the shelf off the Changjiang River, East China Sea. <i>Continental Shelf Research</i> , 1986, 6, 291-310.	0.9	81
56	Dissolved iodine flux from estuarine sediments and implications for the enrichment of iodine at the sediment water interface. <i>Geochimica Et Cosmochimica Acta</i> , 1980, 44, 1177-1184.	1.6	78
57	Paleoceanographic significance of sediment color on western North Atlantic drifts: I. Origin of color. <i>Marine Geology</i> , 2002, 189, 25-41.	0.9	78
58	Organic matter flux and reactivity on a South Carolina sandflat: The impacts of porewater advection and microbiological structures. <i>Limnology and Oceanography</i> , 2002, 47, 1056-1070.	1.6	77
59	High-Performance Planar pH Fluorosensor for Two-Dimensional pH Measurements in Marine Sediment and Water. <i>Environmental Science & Technology</i> , 2005, 39, 8906-8911.	4.6	74
60	Coupling of early diagenetic processes and sedimentary dynamics in tropical shelf environments: the Gulf of Papua deltaic complex. <i>Continental Shelf Research</i> , 2004, 24, 2455-2486.	0.9	72
61	Early diagenetic cycling, incineration, and burial of sedimentary organic carbon in the central Gulf of Papua (Papua New Guinea). <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	71
62	Organic matter diagenesis in shallow water carbonate sediments. <i>Geochimica Et Cosmochimica Acta</i> , 2004, 68, 4363-4379.	1.6	70
63	The Missing Silica Sink: Revisiting the Marine Sedimentary Si Cycle Using Cosmogenic ³² Si. <i>Global Biogeochemical Cycles</i> , 2017, 31, 1559-1578.	1.9	70
64	Processes affecting the behavior of dissolved aluminum in estuarine waters. <i>Marine Chemistry</i> , 1984, 14, 213-232.	0.9	69
65	Diagenesis of dissolved aluminum in organic-rich estuarine sediments. <i>Geochimica Et Cosmochimica Acta</i> , 1984, 48, 299-313.	1.6	69
66	An evaluation of sedimentary molybdenum and iron as proxies for pore fluid paleoredox conditions. <i>Numerische Mathematik</i> , 2018, 318, 527-556.	0.7	63
67	The geochemistry of iodine in near-shore carbonate sediments. <i>Geochimica Et Cosmochimica Acta</i> , 1985, 49, 967-978.	1.6	62
68	Enhanced degradation of algal lipids by benthic macrofaunal activity: Effect of <i>Yoldia limatula</i> . <i>Journal of Marine Research</i> , 1999, 57, 775-804.	0.3	62
69	The Critical Role of Bioturbation for Particle Dynamics, Priming Potential, and Organic C Remineralization in Marine Sediments: Local and Basin Scales. <i>Frontiers in Earth Science</i> , 2019, 7, .	0.8	61
70	A new ratiometric, planar fluorosensor for measuring high resolution, two-dimensional pCO ₂ distributions in marine sediments. <i>Marine Chemistry</i> , 2006, 101, 40-53.	0.9	59
71	Biogeochemistry of Nonylphenol Ethoxylates in Urban Estuarine Sediments. <i>Environmental Science & Technology</i> , 2003, 37, 3499-3506.	4.6	57
72	Calcification in the bivalve periostracum. <i>Lethaia</i> , 1975, 8, 315-320.	0.6	55

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73	The effects of clay mineral reactions on dissolved Al distributions in sediments and waters of the Amazon continental shelf. <i>Continental Shelf Research</i> , 1986, 6, 245-262.	0.9	53
74	High prokaryote diversity and analysis of community structure in mobile mud deposits off French Guiana: identification of two new bacterial candidate divisions. <i>FEMS Microbiology Ecology</i> , 2001, 37, 197-209.	1.3	52
75	Cosmogenic ³² Si as a tracer of biogenic silica burial and diagenesis: Major deltaic sinks in the silica cycle. <i>Geophysical Research Letters</i> , 2016, 43, 7124-7132.	1.5	50
76	Particle reworking in sediments from the New York Bight apex: Evidence from ²³⁴ Th/ ²³⁸ U disequilibrium. <i>Estuarine and Coastal Marine Science</i> , 1979, 9, 739-744.	0.9	49
77	Seasonal patterns of carbonate diagenesis in nearshore terrigenous muds: Relation to spring phytoplankton bloom and temperature. <i>Journal of Marine Research</i> , 1998, 56, 1097-1123.	0.3	48
78	The Sources and Sinks of Nuclides in Long Island Sound. <i>Advances in Geophysics</i> , 1980, 22, 129-164.	1.1	45
79	Biological activity and associated sedimentary structures in HEBBLE-area deposits, western North Atlantic. <i>Marine Geology</i> , 1982, 48, M7-M15.	0.9	44
80	Sulfur diagenesis and burial on the Amazon shelf: Major control by physical sedimentation processes. <i>Geo-Marine Letters</i> , 1996, 16, 3-10.	0.5	44
81	The influence of deposit-feeding on chlorophyll- <i>a</i> degradation in coastal marine sediments. <i>Journal of Marine Research</i> , 2000, 58, 631-651.	0.3	44
82	Physical disturbance creates bacterial dominance of benthic biological communities in tropical deltaic environments of the Gulf of Papua. <i>Continental Shelf Research</i> , 2004, 24, 2395-2416.	0.9	44
83	Redox speciation and early diagenetic behavior of dissolved molybdenum in sulfidic muds. <i>Marine Chemistry</i> , 2011, 125, 101-107.	0.9	43
84	The sources and distribution of carbon (DOC, POC, DIC) in a mangrove dominated estuary (French Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.7	43
85	Effects of gut chemistry in marine bivalves on the assimilation of metals from ingested sediment particles. <i>Journal of Marine Research</i> , 2002, 60, 101-120.	0.3	40
86	Physical irrigation of relict burrows: Implications for sediment chemistry. <i>Marine Geology</i> , 1985, 62, 371-379.	0.9	39
87	Two-dimensional dissolved ferrous iron distributions in marine sediments as revealed by a novel planar optical sensor. <i>Marine Chemistry</i> , 2012, 136-137, 14-23.	0.9	39
88	Worm tubes as conduits for the electrogenic microbial grid in marine sediments. <i>Science Advances</i> , 2019, 5, eaaw3651.	4.7	38
89	Sedimentary organic matter distributions, burrowing activity, and biogeochemical cycling: Natural patterns and experimental artifacts. <i>Estuarine, Coastal and Shelf Science</i> , 2010, 90, 21-34.	0.9	37
90	Early diagenesis of calcium carbonate in Long Island Sound sediments: Benthic fluxes of Ca ²⁺ and minor elements during seasonal periods of net dissolution. <i>Journal of Marine Research</i> , 2001, 59, 769-794.	0.3	36

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91	The effects of iron reduction and nonsteady-state diagenesis on iodine, ammonium, and boron distributions in sediments from the Amazon continental shelf. <i>Continental Shelf Research</i> , 1988, 8, 363-386.	0.9	34
92	Spatial interactions in the <i>Macoma balthica</i> community control biogeochemical fluxes at the sediment-water interface and microbial abundances. <i>Journal of Marine Research</i> , 2009, 67, 43-70.	0.3	34
93	Prefabrication of shell ornamentation in the bivalve <i>Laternula</i> . <i>Lethaia</i> , 1974, 7, 43-56.	0.6	32
94	Diffusion of organic and inorganic solutes through macrofaunal mucus secretions and tube linings in marine sediments. <i>Journal of Marine Research</i> , 2005, 63, 957-981.	0.3	32
95	A new method for the quantification of different redox-species of molybdenum (V and VI) in seawater. <i>Marine Chemistry</i> , 2009, 113, 250-256.	0.9	32
96	Impact of seasonal hypoxia on diagenesis of phytol and its derivatives in Long Island Sound. <i>Marine Chemistry</i> , 1998, 62, 157-173.	0.9	31
97	Stable carbon isotope cycling in mobile coastal muds of Amapá, Brazil. <i>Continental Shelf Research</i> , 2002, 22, 2065-2079.	0.9	31
98	Preservation of reactive organic matter in marine sediments. <i>Earth and Planetary Science Letters</i> , 1984, 70, 260-266.	1.8	30
99	Rapid physical and biological particle mixing on an intertidal sandflat. <i>Journal of Marine Research</i> , 2004, 62, 67-92.	0.3	30
100	Biogeochemical Processes in Amazon Shelf Sediments. <i>Oceanography</i> , 1991, 4, 27-32.	0.5	29
101	Fluorine uptake by Amazon continental shelf sediment and its impact on the global fluorine cycle. <i>Continental Shelf Research</i> , 1994, 14, 883-907.	0.9	29
102	Oxic and anoxic decomposition of tubes from the burrowing sea anemone <i>Ceriantheopsis americanus</i> ; Implications for bulk sediment carbon and nitrogen balance. <i>Journal of Marine Research</i> , 1991, 49, 589-617.	0.3	27
103	Experimental evaluation of the influences of biogenic reworking on carbonate preservation in nearshore sediments. <i>Marine Geology</i> , 1992, 107, 175-181.	0.9	25
104	Influence of carbonate dissolution on survival of shell-bearing meiobenthos in nearshore sediments. <i>Limnology and Oceanography</i> , 1998, 43, 18-28.	1.6	25
105	Fluidized muds: a novel setting for the generation of biosphere diversity through geologic time*. <i>Geobiology</i> , 2010, 8, 169-178.	1.1	24
106	Planar fluorescence sensors for two-dimensional measurements of H ₂ S distributions and dynamics in sedimentary deposits. <i>Marine Chemistry</i> , 2013, 157, 49-58.	0.9	23
107	An In Situ Multispectral Imaging System for Planar Optodes in Sediments: Examples of High-Resolution Seasonal Patterns of pH. <i>Aquatic Geochemistry</i> , 2011, 17, 457-471.	1.5	20
108	Evidence of the activity of dissimilatory sulfate-reducing prokaryotes in nonsulfidogenic tropical mobile muds. <i>FEMS Microbiology Ecology</i> , 2006, 57, 169-181.	1.3	19

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109	Glacial controls on redox-sensitive trace element cycling in Arctic fjord sediments (Spitsbergen, Norway). <i>Limnology and Oceanography</i> , 2010, 55, 107-114.	1.6	19
110	A rapid response, planar fluorosensor for measuring two-dimensional CO_2 distributions and dynamics in marine sediments. <i>Limnology and Oceanography: Methods</i> , 2010, 8, 326-336.	1.0	18
111	Priming effect of benthic gastropod mucus on sedimentary organic matter remineralization. <i>Limnology and Oceanography</i> , 2016, 61, 1640-1650.	1.6	18
112	An irreversible planar optical sensor for multi-dimensional measurements of sedimentary H_2S . <i>Marine Chemistry</i> , 2017, 195, 143-152.	0.9	17
113	The infinite dilution diffusion coefficient for $\text{Al}(\text{OH})_4^-$ at 25°C . <i>Geochimica Et Cosmochimica Acta</i> , 1983, 47, 959-961.	1.6	16
114	Analysis of vitamin B_{12} in seawater and marine sediment porewater using ELISA. <i>Limnology and Oceanography: Methods</i> , 2011, 9, 515-523.	1.0	14
115	A fluorosensor for two-dimensional measurements of extracellular enzyme activity in marine sediments. <i>Marine Chemistry</i> , 2011, 123, 23-31.	0.9	12
116	Benthic iron flux influenced by climate-sensitive interplay between organic carbon availability and sedimentation rate in Arctic fjords. <i>Limnology and Oceanography</i> , 2021, 66, 3374-3392.	1.6	11
117	Biological indicators of sedimentary dynamics in the central Gulf of Papua: Seasonal and decadal perspectives. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	10
118	Drying effects on decomposition of salt marsh sediment and on lysine sorption. <i>Journal of Marine Research</i> , 2008, 66, 665-689.	0.3	10
119	Sediment reworking by the burrowing polychaete <i>Hediste diversicolor</i> modulated by environmental and biological factors across the temperate North Atlantic. A tribute to Gaston Desrosiers. <i>Journal of Experimental Marine Biology and Ecology</i> , 2021, 541, 151588.	0.7	10
120	Medically-Derived ^{131}I as a Tool for Investigating the Fate of Wastewater Nitrogen in Aquatic Environments. <i>Environmental Science & Technology</i> , 2015, 49, 10312-10319.	4.6	9
121	The dynamics of cable bacteria colonization in surface sediments: a 2D view. <i>Scientific Reports</i> , 2021, 11, 7167.	1.6	9
122	A new spectrophotometric method to quantify dissolved manganese in marine pore waters. <i>Marine Chemistry</i> , 2011, 127, 56-63.	0.9	8
123	Seasonal, 2-D sedimentary extracellular enzyme activities and controlling processes in Great Peconic Bay, Long Island. <i>Journal of Marine Research</i> , 2013, 71, 399-423.	0.3	8
124	N_2 production and fixation in deep-tier burrows of <i>Squilla empusa</i> in muddy sediments of Great Peconic Bay. <i>Journal of Sea Research</i> , 2017, 129, 36-41.	0.6	6
125	Tight benthic-pelagic coupling drives seasonal and interannual changes in iron-sulfur cycling in Arctic fjord sediments (Kongsfjorden, Svalbard). <i>Journal of Marine Systems</i> , 2021, , 103645.	0.9	5
126	Buffering muds with bivalve shell significantly increases the settlement, growth, survival, and burrowing of the early life stages of the Northern quahog, <i>Mercenaria mercenaria</i> , and other calcifying invertebrates. <i>Estuarine, Coastal and Shelf Science</i> , 2022, 264, 107686.	0.9	5

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127	Conversion of diatoms to clays during early diagenesis in tropical, continental shelf muds. <i>Geology</i> , 2000, 28, 1095-1098.	2.0	4
128	Density and size-dependent bioturbation effects of the infaunal polychaete <i>Nephtys incisa</i> on sediment biogeochemistry and solute exchange. <i>Journal of Marine Research</i> , 2021, 79, 181-220.	0.3	4
129	Chemistry and Biogeochemistry of Estuaries. <i>Geochimica Et Cosmochimica Acta</i> , 1981, 45, 780.	1.6	0
130	Quantifying sedimentary geochemical processes. <i>Geochimica Et Cosmochimica Acta</i> , 1995, 59, 4786.	1.6	0
131	Editor's Commentary: On the Oxidation of Organic Matter In Marine Sediments by Bacteria By Selman A. Waksman and Margaret Hotchkiss. <i>Journal of Marine Research</i> , 2020, 78, 149-149.	0.3	0
132	Editor's Commentary: The influence of deposit-feeding organisms on sediment stability and community trophic structure by Donald C. Rhoads and David K. Young. <i>Journal of Marine Research</i> , 2020, 78, 167-167.	0.3	0
133	Nitrogen cycling in muddy sediments of Great Peconic Bay, USA: Seasonal N reaction balances and multi-year flux patterns. <i>Journal of Marine Research</i> , 2021, 79, 149-179.	0.3	0
134	Microbial Geochemistry. W. E. Krumbein. <i>Journal of Geology</i> , 1985, 93, 623-623.	0.7	0