

Samantha B Joye

List of Publications by Year in descending order

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187
papers

12,900
citations

22548

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h-index

31191

106
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197
all docs

197
docs citations

197
times ranked

12425
citing authors

#	ARTICLE	IF	CITATIONS
1	Abiotic Nitrous Oxide Production From Sediments and Brine of Don Juan Pond, Wright Valley Antarctica, at Mars Analog Temperatures (âˆ˜40Â°C). <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	2
2	Marine Biogeochemical Cycles. The Microbiomes of Humans, Animals, Plants, and the Environment, 2022, , 623-671.	0.2	1
3	The Open-Ocean Gulf of Mexico After Deepwater Horizon: Synthesis of a Decade of Research. <i>Frontiers in Marine Science</i> , 2022, 9, .	1.2	6
4	Methylâ€œcompounds driven benthic carbon cycling in the sulfateâ€œreducing sediments of South China Sea. <i>Environmental Microbiology</i> , 2021, 23, 641-651.	1.8	21
5	Microbial Communities Under Distinct Thermal and Geochemical Regimes in Axial and Off-Axis Sediments of Guaymas Basin. <i>Frontiers in Microbiology</i> , 2021, 12, 633649.	1.5	28
6	Pelagic denitrification and methane oxidation in oxygen-depleted waters of the Louisiana shelf. <i>Biogeochemistry</i> , 2021, 154, 231-254.	1.7	6
7	Inter- and Intra-Annual Bacterioplankton Community Patterns in a Deepwater Sub-Arctic Region: Persistent High Background Abundance of Putative Oil Degraders. <i>MBio</i> , 2021, 12, .	1.8	10
8	Sulfate reduction and methanogenesis in the hypersaline deep waters and sediments of a perennially iceâ€œcovered lake. <i>Limnology and Oceanography</i> , 2021, 66, 1804-1818.	1.6	7
9	Saltwater Intrusion and Submarine Groundwater Discharge: Acceleration of Biogeochemical Reactions in Changing Coastal Aquifers. <i>Frontiers in Earth Science</i> , 2021, 9, .	0.8	46
10	Response and oil degradation activities of a northeast Atlantic bacterial community to biogenic and synthetic surfactants. <i>Microbiome</i> , 2021, 9, 191.	4.9	16
11	Horizontal acquisition of a patchwork Calvin cycle by symbiotic and free-living Campylobacterota (formerly Epsilonproteobacteria). <i>ISME Journal</i> , 2020, 14, 104-122.	4.4	55
12	Biodegradation of Petroleum Hydrocarbons in the Deep Sea. , 2020, , 107-124.		10
13	Pelagic methane oxidation in the northern Chukchi Sea. <i>Limnology and Oceanography</i> , 2020, 65, 96-110.	1.6	8
14	Vertical stratification and stability of biogeochemical processes in the deep saline waters of Lake Vanda, Antarctica. <i>Limnology and Oceanography</i> , 2020, 65, 569-581.	1.6	7
15	The Geology and Biogeochemistry of Hydrocarbon Seeps. <i>Annual Review of Earth and Planetary Sciences</i> , 2020, 48, 205-231.	4.6	64
16	Groundwaterâ€œDriven Methane Export Reduces Salt Marsh Blue Carbon Potential. <i>Global Biogeochemical Cycles</i> , 2020, 34, e2020GB006587.	1.9	18
17	A Synthesis of Deep Benthic Faunal Impacts and Resilience Following the Deepwater Horizon Oil Spill. <i>Frontiers in Marine Science</i> , 2020, 7, .	1.2	17
18	Starvation-Dependent Inhibition of the Hydrocarbon Degradator <i>Marinobacter</i> sp. TT1 by a Chemical Dispersant. <i>Journal of Marine Science and Engineering</i> , 2020, 8, 925.	1.2	12

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19	Transport, Fate and Impacts of the Deep Plume of Petroleum Hydrocarbons Formed During the Macondo Blowout. <i>Frontiers in Marine Science</i> , 2020, 7, .	1.2	16
20	Food web complexity weakens size-based constraints on the pyramids of life. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020, 287, 20201500.	1.2	4
21	A New Mechanism for Submarine Groundwater Discharge From Continental Shelves. <i>Water Resources Research</i> , 2020, 56, e2019WR026866.	1.7	19
22	Hydrocarbon migration pathway and methane budget for a Gulf of Mexico natural seep site: Green Canyon 600. <i>Earth and Planetary Science Letters</i> , 2020, 545, 116411.	1.8	15
23	Microbial ecology and biogeochemistry of hypersaline sediments in Orca Basin. <i>PLoS ONE</i> , 2020, 15, e0231676.	1.1	14
24	Invisible oil beyond the <i>Deepwater Horizon</i> satellite footprint. <i>Science Advances</i> , 2020, 6, eaaw8863.	4.7	81
25	The Gulf of Mexico: An Introductory Survey of a Seep-Dominated Seafloor Landscape. <i>Springer Oceanography</i> , 2020, , 69-100.	0.2	1
26	Remarkable Capacity for Anaerobic Oxidation of Methane at High Methane Concentration. <i>Geophysical Research Letters</i> , 2019, 46, 12192-12201.	1.5	18
27	Significance of Acetate as a Microbial Carbon and Energy Source in the Water Column of Gulf of Mexico: Implications for Marine Carbon Cycling. <i>Global Biogeochemical Cycles</i> , 2019, 33, 223-235.	1.9	30
28	Biogeochemistry, microbial activity, and diversity in surface and subsurface deep-sea sediments of South China Sea. <i>Limnology and Oceanography</i> , 2019, 64, 2252-2270.	1.6	33
29	Anaerobic oxidation of ethane by archaea from a marine hydrocarbon seep. <i>Nature</i> , 2019, 568, 108-111.	13.7	149
30	Global Aerobic Degradation of Hydrocarbons in Aquatic Systems. , 2019, , 797-814.		0
31	Biogeochemical Dynamics of Coastal Tidal Flats. , 2019, , 407-440.		17
32	Generation and Utilization of Volatile Fatty Acids and Alcohols in Hydrothermally Altered Sediments in the Guaymas Basin, Gulf of California. <i>Geophysical Research Letters</i> , 2019, 46, 2637-2646.	1.5	22
33	Heterotrophic metabolism of C1 and C2 low molecular weight compounds in northern Gulf of Mexico sediments: Controlling factors and implications for organic carbon degradation. <i>Geochimica Et Cosmochimica Acta</i> , 2019, 247, 243-260.	1.6	16
34	Vertical marine snow distribution in the stratified, hypersaline, and anoxic Orca Basin (Gulf of Mexico). <i>Journal of Geophysical Research</i> , 2019, 124, 10111-10124.	1.1	11
35	Polysaccharide hydrolysis in the presence of oil and dispersants: Insights into potential degradation pathways of exopolymeric substances (EPS) from oil-degrading bacteria. <i>Elementa</i> , 2019, 7, .	1.1	2
36	Relative importance of methylotrophic methanogenesis in sediments of the Western Mediterranean Sea. <i>Geochimica Et Cosmochimica Acta</i> , 2018, 224, 171-186.	1.6	71

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37	SnapShot: Microbial Hydrocarbon Bioremediation. <i>Cell</i> , 2018, 172, 1336-1336.e1.	13.5	11
38	Deep oxygen penetration drives nitrification in intertidal beach sands. <i>Limnology and Oceanography</i> , 2018, 63, S193.	1.6	16
39	BP Gulf Science Data Reveals Ineffectual Subsea Dispersant Injection for the Macondo Blowout. <i>Frontiers in Marine Science</i> , 2018, 5, .	1.2	20
40	Microbial metabolism of methanol and methylamine in the Gulf of Mexico: insight into marine carbon and nitrogen cycling. <i>Environmental Microbiology</i> , 2018, 20, 4543-4554.	1.8	15
41	Effects of pressure, methane concentration, sulfate reduction activity, and temperature on methane production in surface sediments of the Gulf of Mexico. <i>Limnology and Oceanography</i> , 2018, 63, 2080-2092.	1.6	26
42	The impact of the Deepwater Horizon blowout on historic shipwreck-associated sediment microbiomes in the northern Gulf of Mexico. <i>Scientific Reports</i> , 2018, 8, 9057.	1.6	29
43	Long-term impact of the Deepwater Horizon oil well blowout on methane oxidation dynamics in the northern Gulf of Mexico. <i>Elementa</i> , 2018, 6, .	1.1	10
44	Selective quantification of DOSS in marine sediment and sediment-trap solids by LC-QTOF-MS. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 971-978.	1.9	9
45	Hydrocarbon composition and concentrations in the Gulf of Mexico sediments in the 3 years following the Macondo well blowout. <i>Environmental Pollution</i> , 2017, 229, 329-338.	3.7	23
46	Agents of change and temporal nutrient dynamics in the Altamaha River Watershed. <i>Ecosphere</i> , 2017, 8, e01519.	1.0	7
47	2. Hydrocarbon seep ecosystems. , 2017, , 33-52.		2
48	Global Aerobic Degradation of Hydrocarbons in Aquatic Systems. , 2017, , 1-18.		0
49	Pulsed blooms and persistent oil-degrading bacterial populations in the water column during and after the Deepwater Horizon blowout. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2016, 129, 282-291.	0.6	111
50	Microbial enzymatic activity and secondary production in sediments affected by the sedimentation pulse following the Deepwater Horizon oil spill. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2016, 129, 241-248.	0.6	39
51	How Clonal Is Clonal? Genome Plasticity across Multicellular Segments of a <i>Candidatus Marithrix</i> sp. Filament from Sulfidic, Briny Seafloor Sediments in the Gulf of Mexico. <i>Frontiers in Microbiology</i> , 2016, 7, 1173.	1.5	15
52	Distinct Bacterial Communities in Surficial Seafloor Sediments Following the 2010 Deepwater Horizon Blowout. <i>Frontiers in Microbiology</i> , 2016, 7, 1384.	1.5	52
53	Responses of Microbial Communities to Hydrocarbon Exposures. <i>Oceanography</i> , 2016, 29, 136-149.	0.5	59
54	Differential effects of crude oil on denitrification and anammox, and the impact on N ₂ O production. <i>Environmental Pollution</i> , 2016, 216, 391-399.	3.7	21

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55	Multiple evidence for methylotrophic methanogenesis as the dominant methanogenic pathway in hypersaline sediments from the Orca Basin, Gulf of Mexico. <i>Geochimica Et Cosmochimica Acta</i> , 2016, 187, 1-20.	1.6	73
56	Response of anaerobic ammonium oxidation to inorganic nitrogen fluctuations in temperate estuarine sediments. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2016, 121, 1829-1839.	1.3	21
57	Microbial diversity and activity in seafloor brine lake sediments (Alaminos Canyon block 601, Gulf of Mexico). <i>Journal of Geophysical Research</i> , 2016, 121, 1829-1839.	1.1	15
58	Protocols for Radiotracer Estimation of Primary Hydrocarbon Oxidation in Oxygenated Seawater. <i>Springer Protocols</i> , 2016, , 263-276.	0.1	1
59	Protocols for Radiotracer Estimation of Methane Oxidation Rates at In Situ Methane Concentrations in Marine Sediments. <i>Springer Protocols</i> , 2016, , 277-303.	0.1	0
60	Methanotrophy controls groundwater methane export from a barrier island. <i>Geochimica Et Cosmochimica Acta</i> , 2016, 179, 242-256.	1.6	21
61	Patterns and variability in geochemical signatures and microbial activity within and between diverse cold seep habitats along the lower continental slope, Northern Gulf of Mexico. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2016, 129, 31-40.	0.6	16
62	Hercules 265 rapid response: Immediate ecosystem impacts of a natural gas blowout incident. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2016, 129, 66-76.	0.6	5
63	The Gulf of Mexico ecosystem, six years after the Macondo oil well blowout. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2016, 129, 4-19.	0.6	99
64	Biogeochemical and 16S rRNA gene sequence evidence supports a novel mode of anaerobic methanotrophy in permanently ice-covered Lake Fryxell, Antarctica. <i>Limnology and Oceanography</i> , 2016, 61, S119.	1.6	44
65	Reply to Prince et al.: Ability of chemical dispersants to reduce oil spill impacts remains unclear. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E1422-E1423.	3.3	25
66	Diverse, rare microbial taxa responded to the <i>Deepwater Horizon</i> deep-sea hydrocarbon plume. <i>ISME Journal</i> , 2016, 10, 400-415.	4.4	156
67	Biodegradation of crude oil and dispersants in deep seawater from the Gulf of Mexico: Insights from ultra-high resolution mass spectrometry. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2016, 129, 108-118.	0.6	42
68	Intense nitrogen cycling in permeable intertidal sediment revealed by a nitrous oxide hot spot. <i>Global Biogeochemical Cycles</i> , 2015, 29, 1584-1598.	1.9	23
69	The East Siberian Arctic Shelf: towards further assessment of permafrost-related methane fluxes and role of sea ice. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2015, 373, 20140451.	1.6	117
70	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.	1.7	47
71	Barite encrustation of benthic sulfur-oxidizing bacteria at a marine cold seep. <i>Geobiology</i> , 2015, 13, 588-603.	1.1	36
72	A Halophilic Bacterium Inhabiting the Warm, CaCl ₂ -Rich Brine of the Perennially Ice-Covered Lake Vanda, McMurdo Dry Valleys, Antarctica. <i>Applied and Environmental Microbiology</i> , 2015, 81, 1988-1995.	1.4	20

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73	Using Natural Abundance Radiocarbon To Trace the Flux of Petrocarbon to the Seafloor Following the Deepwater Horizon Oil Spill. <i>Environmental Science & Technology</i> , 2015, 49, 847-854.	4.6	199
74	Deepwater Horizon, 5 years on. <i>Science</i> , 2015, 349, 592-593.	6.0	185
75	High rates of anaerobic methane oxidation in freshwater wetlands reduce potential atmospheric methane emissions. <i>Nature Communications</i> , 2015, 6, 7477.	5.8	216
76	Groundwater controls ecological zonation of salt marsh macrophytes. <i>Ecology</i> , 2015, 96, 840-849.	1.5	73
77	Using dispersants after oil spills: impacts on the composition and activity of microbial communities. <i>Nature Reviews Microbiology</i> , 2015, 13, 388-396.	13.6	247
78	Chemical dispersants can suppress the activity of natural oil-degrading microorganisms. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 14900-14905.	3.3	276
79	The rise and fall of methanotrophy following a deepwater oil-well blowout. <i>Nature Geoscience</i> , 2014, 7, 423-427.	5.4	121
80	The metabolic pathways and environmental controls of hydrocarbon biodegradation in marine ecosystems. <i>Frontiers in Microbiology</i> , 2014, 5, 471.	1.5	35
81	Anaerobic oxidation of methane by sulfate in hypersaline groundwater of the Dead Sea aquifer. <i>Geobiology</i> , 2014, 12, 511-528.	1.1	43
82	Time integrated variation of sources of fluids and seepage dynamics archived in authigenic carbonates from Gulf of Mexico Gas Hydrate Seafloor Observatory. <i>Chemical Geology</i> , 2014, 385, 129-139.	1.4	56
83	Stable isotope analyses of NO ₂ ⁻ , NO ₃ ⁻ , and N ₂ O in the hypersaline ponds and soils of the McMurdo Dry Valleys, Antarctica. <i>Geochimica Et Cosmochimica Acta</i> , 2014, 135, 87-101.	1.6	35
84	The contribution of anaerobic ammonium oxidation to nitrogen loss in two temperate eutrophic estuaries. <i>Estuarine, Coastal and Shelf Science</i> , 2014, 143, 41-47.	0.9	18
85	Spatial distribution of nitrogen fixation in methane seep sediment and the role of the ANME archaea. <i>Environmental Microbiology</i> , 2014, 16, 3012-3029.	1.8	60
86	Benthic primary production and nitrogen cycling in <i>Spartina alterniflora</i> marshes: effect of restoration after acute dieback. <i>Biogeochemistry</i> , 2014, 117, 511-524.	1.7	4
87	Formation of low-magnesium calcite at cold seeps in an aragonite sea. <i>Terra Nova</i> , 2014, 26, 150-156.	0.9	25
88	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.	1.6	67
89	Microbial Dynamics Following the Macondo Oil Well Blowout across Gulf of Mexico Environments. <i>BioScience</i> , 2014, 64, 766-777.	2.2	142
90	A Rapid Response Study of the Hercules Gas Well Blowout. <i>Eos</i> , 2014, 95, 341-342.	0.1	4

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91	On the utility of radium isotopes as tracers of hydrocarbon discharge. <i>Marine Chemistry</i> , 2013, 156, 98-107.	0.9	10
92	Impact of electron acceptor availability on the anaerobic oxidation of methane in coastal freshwater and brackish wetland sediments. <i>Geochimica Et Cosmochimica Acta</i> , 2013, 115, 15-30.	1.6	167
93	The role of salinity in shaping dissolved inorganic nitrogen and N ₂ O dynamics in estuarine sediment-water interface. <i>Marine Pollution Bulletin</i> , 2013, 66, 225-229.	2.3	26
94	Transcriptional response of bathypelagic marine bacterioplankton to the Deepwater Horizon oil spill. <i>ISME Journal</i> , 2013, 7, 2315-2329.	4.4	172
95	Seasonal variations of methane fluxes from an unvegetated tidal freshwater mudflat (Hammersmith) Tj ETQq1 1 0.784314 rgBT /Over	1.7	16
96	Drought impacts on biogeochemistry and microbial processes in salt marsh sediments: a flow-through reactor approach. <i>Biogeochemistry</i> , 2013, 112, 389-407.	1.7	15
97	Geomicrobiological linkages between short-chain alkane consumption and sulfate reduction rates in seep sediments. <i>Frontiers in Microbiology</i> , 2013, 4, 386.	1.5	29
98	Anaerobic oxidation of short-chain alkanes in hydrothermal sediments: potential influences on sulfur cycling and microbial diversity. <i>Frontiers in Microbiology</i> , 2013, 4, 110.	1.5	44
99	Carbon isotopic evidence for microbial control of carbon supply to Orca Basin at the seawater-brine interface. <i>Biogeosciences</i> , 2013, 10, 3175-3183.	1.3	9
100	Patterns and Controls of Nutrient Concentrations in a Southeastern United States Tidal Creek. <i>Oceanography</i> , 2013, 26, 132-139.	0.5	4
101	A Tale of Two Spills: Novel Science and Policy Implications of an Emerging New Oil Spill Model. <i>BioScience</i> , 2012, 62, 461-469.	2.2	89
102	Potential rates and environmental controls of anaerobic ammonium oxidation in estuarine sediments. <i>Aquatic Microbial Ecology</i> , 2012, 66, 23-32.	0.9	38
103	A piece of the methane puzzle. <i>Nature</i> , 2012, 491, 538-539.	13.7	36
104	Oil Impacts on Coastal Wetlands: Implications for the Mississippi River Delta Ecosystem after the Deepwater Horizon Oil Spill. <i>BioScience</i> , 2012, 62, 562-574.	2.2	257
105	Denitrification and environmental factors influencing nitrate removal in Guaymas Basin hydrothermally altered sediments. <i>Frontiers in Microbiology</i> , 2012, 3, 377.	1.5	38
106	Anaerobic methane oxidation in metalliferous hydrothermal sediments: influence on carbon flux and decoupling from sulfate reduction. <i>Environmental Microbiology</i> , 2012, 14, 2726-2740.	1.8	98
107	Storm-driven groundwater flow in a salt marsh. <i>Water Resources Research</i> , 2011, 47, .	1.7	52
108	Analyses of Water Samples From the Deepwater Horizon Oil Spill: Documentation of the Subsurface Plume. <i>Geophysical Monograph Series</i> , 2011, , 77-82.	0.1	37

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109	Weak coupling between sulfate reduction and the anaerobic oxidation of methane in methane-rich seafloor sediments during ex situ incubation. <i>Geochimica Et Cosmochimica Acta</i> , 2011, 75, 500-519.	1.6	81
110	Magnitude and oxidation potential of hydrocarbon gases released from the BP oil well blowout. <i>Nature Geoscience</i> , 2011, 4, 160-164.	5.4	214
111	High rates of denitrification and nitrate removal in cold seep sediments. <i>ISME Journal</i> , 2011, 5, 565-567.	4.4	28
112	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.	1.7	13
113	An inventory of potentially habitable environments on Mars: Geological and biological perspectives. , 2011, , .		11
114	Comment on "A Persistent Oxygen Anomaly Reveals the Fate of Spilled Methane in the Deep Gulf of Mexico". <i>Science</i> , 2011, 332, 1033-1033.	6.0	23
115	Improved measurement of microbial activity in deep-sea sediments at in situ pressure and methane concentration. <i>Limnology and Oceanography: Methods</i> , 2011, 9, 499-506.	1.0	35
116	Distributions of putative aerobic methanotrophs in diverse pelagic marine environments. <i>ISME Journal</i> , 2010, 4, 700-710.	4.4	77
117	Abiotic nitrous oxide emission from the hypersaline Don Juan Pond in Antarctica. <i>Nature Geoscience</i> , 2010, 3, 341-344.	5.4	146
118	Offshore oceanic impacts from the BP oil spill. <i>Nature Geoscience</i> , 2010, 3, 446-446.	5.4	16
119	Characterization of subsurface polycyclic aromatic hydrocarbons at the Deepwater Horizon site. <i>Geophysical Research Letters</i> , 2010, 37, .	1.5	217
120	New constraints on methane fluxes and rates of anaerobic methane oxidation in a Gulf of Mexico brine pool via in situ mass spectrometry. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2010, 57, 2022-2029.	0.6	60
121	Impact of natural oil and higher hydrocarbons on microbial diversity, distribution, and activity in Gulf of Mexico cold-seep sediments. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2010, 57, 2008-2021.	0.6	171
122	Biogeochemical signatures and microbial activity of different cold-seep habitats along the Gulf of Mexico deep slope. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2010, 57, 1990-2001.	0.6	93
123	Cold-seep carbonates of the middle and lower continental slope, northern Gulf of Mexico. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2010, 57, 2040-2054.	0.6	114
124	Biocomplexity in Mangrove Ecosystems. <i>Annual Review of Marine Science</i> , 2010, 2, 395-417.	5.1	328
125	Forecasting the effects of accelerated sea-level rise on tidal marsh ecosystem services. <i>Frontiers in Ecology and the Environment</i> , 2009, 7, 73-78.	1.9	614
126	Thriving in Salt. <i>Science</i> , 2009, 324, 1523-1525.	6.0	37

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127	Population growth away from the coastal zone: Thirty years of land use change and nutrient export in the Altamaha River, GA. <i>Science of the Total Environment</i> , 2009, 407, 3347-3356.	3.9	34
128	Benthic metabolism and the fate of dissolved inorganic nitrogen in intertidal sediments. <i>Estuarine, Coastal and Shelf Science</i> , 2009, 83, 392-402.	0.9	72
129	The Diverse Bacterial Community in Intertidal, Anaerobic Sediments at Sapelo Island, Georgia. <i>Microbial Ecology</i> , 2009, 58, 244-261.	1.4	37
130	Microbial Community Response to Seawater Amendment in Low-Salinity Tidal Sediments. <i>Microbial Ecology</i> , 2009, 58, 558-568.	1.4	70
131	Metabolic variability in seafloor brines revealed by carbon and sulphur dynamics. <i>Nature Geoscience</i> , 2009, 2, 349-354.	5.4	111
132	Extensive carbon isotopic heterogeneity among methane seep microbiota. <i>Environmental Microbiology</i> , 2009, 11, 2207-2215.	1.8	51
133	Chemotrophic Microbial Mats and Their Potential for Preservation in the Rock Record. <i>Astrobiology</i> , 2009, 9, 843-859.	1.5	60
134	Porewater biogeochemistry and soil metabolism in dwarf red mangrove habitats (Twin Cays, Belize). <i>Biogeochemistry</i> , 2008, 87, 181-198.	1.7	66
135	Nutrient-Replete Benthic Microalgae as a Source of Dissolved Organic Carbon to Coastal Waters. <i>Estuaries and Coasts</i> , 2008, 31, 860-876.	1.0	33
136	Tracing the slow growth of anaerobic methane-oxidizing communities by ¹⁵ N-labelling techniques. <i>FEMS Microbiology Ecology</i> , 2008, 63, 401-411.	1.3	64
137	On the relationship between methane production and oxidation by anaerobic methanotrophic communities from cold seeps of the Gulf of Mexico. <i>Environmental Microbiology</i> , 2008, 10, 1108-1117.	1.8	66
138	Variation in Prokaryotic Community Composition as a Function of Resource Availability in Tidal Creek Sediments. <i>Applied and Environmental Microbiology</i> , 2008, 74, 1836-1844.	1.4	15
139	Nitrification in Mono Lake, California: Activity and community composition during contrasting hydrological regimes. <i>Limnology and Oceanography</i> , 2008, 53, 2546-2557.	1.6	62
140	Nitrogen Cycling in Coastal Sediments. , 2008, , 867-915.		40
141	AlvinExplores the Deep Northern Gulf of Mexico Slope. <i>Eos</i> , 2007, 88, 341.	0.1	33
142	Evidence of giant sulphur bacteria in Neoproterozoic phosphorites. <i>Nature</i> , 2007, 445, 198-201.	13.7	195
143	Undressing and redressing Ediacaran embryos (Reply). <i>Nature</i> , 2007, 446, E10-E11.	13.7	47
144	Anaerobic oxidation of short-chain hydrocarbons by marine sulphate-reducing bacteria. <i>Nature</i> , 2007, 449, 898-901.	13.7	349

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145	Estimates of flushing times, submarine groundwater discharge, and nutrient fluxes to Okatee Estuary, South Carolina. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	201
146	Ramifications of increased salinity in tidal freshwater sediments: Geochemistry and microbial pathways of organic matter mineralization. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	210
147	Porewater Stoichiometry of Terminal Metabolic Products, Sulfate, and Dissolved Organic Carbon and Nitrogen in Estuarine Intertidal Creek-bank Sediments. <i>Biogeochemistry</i> , 2006, 77, 375-408.	1.7	77
148	Bacterial Taxa That Limit Sulfur Flux from the Ocean. <i>Science</i> , 2006, 314, 649-652.	6.0	296
149	Evaluating the Potential Importance of Groundwater-Derived Carbon, Nitrogen, and Phosphorus Inputs to South Carolina and Georgia Coastal Ecosystems. , 2006, , 139-178.		1
150	Seasonal patterns of nitrogen fixation and denitrification in oceanic mangrove habitats. <i>Marine Ecology - Progress Series</i> , 2006, 307, 127-141.	0.9	72
151	Aerobic methane oxidation and methanotroph community composition during seasonal stratification in Mono Lake, California (USA). <i>Environmental Microbiology</i> , 2005, 7, 1127-1138.	1.8	103
152	Novel vacuolate sulfur bacteria from the Gulf of Mexico reproduce by reductive division in three dimensions. <i>Environmental Microbiology</i> , 2005, 7, 1451-1460.	1.8	46
153	Molecular Analysis of the Sulfate Reducing and Archaeal Community in a Meromictic Soda Lake (Mono) Tj ETQq1 1 0,784314.rgBT /Ov	1.4	88
154	Inorganic nitrogen dynamics in intertidal rocky biofilms and sediments of the Douro River estuary (Portugal). <i>Estuaries and Coasts</i> , 2005, 28, 592-607.	1.7	30
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