

Preservation of organic matter in sediments promoted

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Citation Report

#	ARTICLE	IF	CITATIONS
1	A rusty carbon sink. <i>Nature</i> , 2012, 483, 165-166.	13.7	36
2	Sorting out the sirtuins. <i>Nature</i> , 2012, 483, 166-167.	13.7	14
4	Sulfur, sulfides, oxides and organic matter aggregated in submarine hydrothermal plumes at 9°50'N East Pacific Rise. <i>Geochimica Et Cosmochimica Acta</i> , 2012, 88, 216-236.	1.6	84
5	Spatial mapping of Pearl River Estuary surface sediment geochemistry: Influence of data analysis on environmental interpretation. <i>Estuarine, Coastal and Shelf Science</i> , 2012, 115, 218-233.	0.9	25
6	Reactive iron and its buffering capacity towards dissolved sulfide in sediments of Jiaozhou Bay, China. <i>Marine Environmental Research</i> , 2012, 80, 46-55.	1.1	34
7	Rate and apparent quantum yield of photodissolution of sedimentary organic matter. <i>Limnology and Oceanography</i> , 2012, 57, 1743-1756.	1.6	22
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9	Cs, Am and Pu isotopes as tracers of sedimentation processes in the Curonian Lagoon—Baltic Sea system. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2013, 296, 787-792.	0.7	10
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11	Insights into the Structure and Metabolic Function of Microbes That Shape Pelagic Iron-Rich Aggregates (‘Iron Snow’). <i>Applied and Environmental Microbiology</i> , 2013, 79, 4272-4281.	1.4	60
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13	Simulating Precambrian banded iron formation diagenesis. <i>Chemical Geology</i> , 2013, 362, 66-73.	1.4	88
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16	Mechanistic controls on diverse fates of terrestrial organic components in the East China Sea. <i>Geochimica Et Cosmochimica Acta</i> , 2013, 117, 129-143.	1.6	59
17	Quantifying the degradation of organic matter in marine sediments: A review and synthesis. <i>Earth-Science Reviews</i> , 2013, 123, 53-86.	4.0	683
18	Long-term soil carbon loss and accumulation in a catchment following the conversion of forest to arable land in northern Laos. <i>Agriculture, Ecosystems and Environment</i> , 2013, 169, 43-57.	2.5	50
19	Redox sensitivity of iron in phosphorus binding does not impede lake restoration. <i>Water Research</i> , 2013, 47, 1491-1502.	5.3	90

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21	Pu and Am sorption to the Baltic Sea bottom sediments. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2013, 295, 1957-1967.	0.7	8
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30	Submicron structures provide preferential spots for carbon and nitrogen sequestration in soils. <i>Nature Communications</i> , 2014, 5, 2947.	5.8	288
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34	Changes in the molecular composition of organic matter leached from an agricultural topsoil following addition of biomass-derived black carbon (biochar). <i>Organic Geochemistry</i> , 2014, 69, 52-60.	0.9	36
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38	The interplay of microbially mediated and abiotic reactions in the biogeochemical Fe cycle. <i>Nature Reviews Microbiology</i> , 2014, 12, 797-808.	13.6	627

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118	Molecular-Scale Investigation with ESI-FT-ICR-MS on Fractionation of Dissolved Organic Matter Induced by Adsorption on Iron Oxyhydroxides. <i>Environmental Science & Technology</i> , 2016, 50, 2328-2336.	4.6	344
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121	Interaction of alkaline phosphatase with minerals and sediments: Activities, kinetics and hydrolysis of organic phosphorus. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2016, 495, 46-53.	2.3	47
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132	Biosignature Preservation and Detection in Mars Analog Environments. <i>Astrobiology</i> , 2017, 17, 363-400.	1.5	159
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146	Widespread Increases in Iron Concentration in European and North American Freshwaters. <i>Global Biogeochemical Cycles</i> , 2017, 31, 1488-1500.	1.9	79

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148	Carbon storage in the Mississippi River delta enhanced by environmental engineering. <i>Nature Geoscience</i> , 2017, 10, 846-851.	5.4	41
149	Organic matter distribution and retention along transects from hilltop to kettle hole within an agricultural landscape. <i>Biogeochemistry</i> , 2017, 136, 47-70.	1.7	24
150	Salinity Effects on Iron Speciation in Boreal River Waters. <i>Environmental Science & Technology</i> , 2017, 51, 9747-9755.	4.6	21
151	Baseline biogeochemical data from Australia's continental margin links seabed sediments to water column characteristics. <i>Marine and Freshwater Research</i> , 2017, 68, 1593.	0.7	13
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