S Leigh Mccallister

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6722294/publications.pdf

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21 papers	3,786 citations	471509 17 h-index	713466 21 g-index
22 all docs	22 docs citations	22 times ranked	5319 citing authors

#	Article	IF	Citations
1	Carbon Budget of Tidal Wetlands, Estuaries, and Shelf Waters of Eastern North America. Global Biogeochemical Cycles, 2018, 32, 389-416.	4.9	147
2	Biogeochemical tools for characterizing organic carbon in inland aquatic ecosystems. Limnology and Oceanography Letters, 2018, 3, 444-457.	3.9	37
3	Aging and Molecular Changes of Dissolved Organic Matter Between Two Deep Oceanic Endâ€Members. Global Biogeochemical Cycles, 2018, 32, 1449-1456.	4.9	15
4	Response to Comment on â€œDissolved organic sulfur in the ocean: Biogeochemistry of a petagram inventoryâ€. Science, 2017, 356, 813-813.	12.6	10
5	Dissolved organic sulfur in the ocean: Biogeochemistry of a petagram inventory. Science, 2016, 354, 456-459.	12.6	152
6	Selective consumption and metabolic allocation of terrestrial and algal carbon determine allochthony in lake bacteria. ISME Journal, 2016, 10, 1373-1382.	9.8	103
7	Net ecosystem production and organic carbon balance of U.S. East Coast estuaries: A synthesis approach. Global Biogeochemical Cycles, 2015, 29, 96-111.	4.9	93
8	Dynamics of dissolved organic matter in fjord ecosystems: Contributions of terrestrial dissolved organic matter in the deep layer. Estuarine, Coastal and Shelf Science, 2015, 159, 37-49.	2.1	18
9	Molecular transformation and degradation of refractory dissolved organic matter in the Atlantic and Southern Ocean. Geochimica Et Cosmochimica Acta, 2014, 126, 321-337.	3.9	247
10	Differentiating the degradation dynamics of algal and terrestrial carbon within complex natural dissolved organic carbon in temperate lakes. Journal of Geophysical Research G: Biogeosciences, 2013, 118, 963-973.	3.0	121
11	A molecular perspective on the ageing of marine dissolved organic matter. Biogeosciences, 2012, 9, 1935-1955.	3.3	200
12	Evidence for the respiration of ancient terrestrial organic C in northern temperate lakes and streams. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 16963-16968.	7.1	110
13	An isotopic (Î”¹⁴C, Î´¹³C,) Tj ETQq1 1 0.784314 organic matter and zooplankton food sources in Lake Superior and across a size-gradient of aquatic systems. Biogeosciences, 2012, 9, 3663-3678.	3.3	44
14	Bacterial assemblages of the eastern Atlantic Ocean reveal both vertical and latitudinal biogeographic signatures. Biogeosciences, 2012, 9, 2177-2193.	3.3	38
15	Radiocarbon and stable carbon isotopic insights into provenance and cycling of carbon in Lake Superior. Limnology and Oceanography, 2011, 56, 867-886.	3.1	46
16	Lakes and reservoirs as regulators of carbon cycling and climate. Limnology and Oceanography, 2009, 54, 2298-2314.	3.1	1,977
17	Direct measurement of the d13C signature of carbon respired by bacteria in lakes: Linkages to potential carbon sources, ecosystem baseline metabolism, and CO2 fluxes. Limnology and Oceanography, 2008, 53, 1204-1216.	3.1	99
18	Sources of estuarine dissolved and particulate organic matter: A multi-tracer approach. Organic Geochemistry, 2006, 37, 454-468.	1.8	109

#	Article	IF	Citations
19	Bioreactivity of estuarine dissolved organic matter: A combined geochemical and microbiological approach. Limnology and Oceanography, 2006, 51, 94-100.	3.1	60
20	A system to quantitatively recover bacterioplankton respiratory CO₂for isotopic analysis to trace sources and ages of organic matter consumed in freshwaters. Limnology and Oceanography: Methods, 2006, 4, 406-415.	2.0	16
21	Assessing sources and ages of organic matter supporting river and estuarine bacterial production: A multipleâ€isotope (Î”14C, ã¬”C, and Î´15N) approach. Limnology and Oceanography, 2004, 49, 1687-1702.	3.1	143