Leila J Hamdan

List of Publications by Year
in descending order

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24	735	567281 15	642732 23
papers	citations	h-index	g-index

24	24	24	1150
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Ocean currents shape the microbiome of Arctic marine sediments. ISME Journal, 2013, 7, 685-696.	9.8	173
2	Sulfate reduction and methane oxidation activity below the sulfate-methane transition zone in Alaskan Beaufort Sea continental margin sediments: Implications for deep sulfur cycling. Geochimica Et Cosmochimica Acta, 2014, 144, 217-237.	3.9	104
3	Analysis of methane and sulfate flux in methane-charged sediments from the Mississippi Canyon, Gulf of Mexico. Marine and Petroleum Geology, 2008, 25, 977-987.	3.3	51
4	Methane hydrate exploration on the mid Chilean coast: A geochemical and geophysical survey. Journal of Petroleum Science and Engineering, 2007, 56, 32-41.	4.2	45
5	Preliminary interpretation of electromagnetic, heat flow, seismic, and geochemical data for gas hydrate distribution across the Porangahau Ridge, New Zealand. Marine Geology, 2010, 272, 89-98.	2.1	45
6	Dynamics of dissolved carbohydrates in the Chesapeake Bay: Insights from enzyme activities, concentrations, and microbial metabolism. Limnology and Oceanography, 2008, 53, 936-947.	3.1	34
7	Contribution of Vertical Methane Flux to Shallow Sediment Carbon Pools across Porangahau Ridge, New Zealand. Energies, 2014, 7, 5332-5356.	3.1	29
8	The impact of the Deepwater Horizon blowout on historic shipwreck-associated sediment microbiomes in the northern Gulf of Mexico. Scientific Reports, 2018, 8, 9057.	3.3	29
9	Deep-Sea Biofilms, Historic Shipwreck Preservation and the Deepwater Horizon Spill. Frontiers in Marine Science, 2019, 6, .	2.5	27
10	Metagenomic analysis of organic matter degradation in methaneâ€rich Arctic Ocean sediments. Limnology and Oceanography, 2014, 59, 548-559.	3.1	25
11	Diversity and biogeochemical structuring of bacterial communities across the Porangahau ridge accretionary prism, New Zealand. FEMS Microbiology Ecology, 2011, 77, 518-532.	2.7	24
12	High frequency of glucose-utilizing mutants in Shewanella oneidensis MR-1. FEMS Microbiology Letters, 2012, 327, 9-14.	1.8	24
13	Exposure to Crude Oil and Chemical Dispersant May Impact Marine Microbial Biofilm Composition and Steel Corrosion. Frontiers in Marine Science, 2018, 5, .	2.5	22
14	Deep-sea shipwrecks represent island-like ecosystems for marine microbiomes. ISME Journal, 2021, 15, 2883-2891.	9.8	19
15	Seasonal and interannual dynamics of free-living bacterioplankton and microbially labile organic carbon along the salinity gradient of the Potomac River. Estuaries and Coasts, 2006, 29, 40-53.	2.2	16
16	Marine biofilm bacterial community response and carbon steel loss following Deepwater Horizon spill contaminant exposure. Biofouling, 2019, 35, 870-882.	2.2	15
17	Geomicrobial characterization of gas hydrate-bearing sediments along the mid-Chilean margin. FEMS Microbiology Ecology, 2008, 65, 15-30.	2.7	10
18	Bacterial Community Composition and Diversity in Methane Charged Sediments Revealed by Multitag Pyrosequencing. Geomicrobiology Journal, 2012, 29, 340-351.	2.0	8

#	Article	IF	Citations
19	The use of antibiotics to reduce bacterioplankton uptake of phytoplankton extracellular organic carbon (EOC) in the Potomac River estuary. Journal of Experimental Marine Biology and Ecology, 2007, 342, 242-252.	1.5	7
20	Microbial Functional Responses in Marine Biofilms Exposed to Deepwater Horizon Spill Contaminants. Frontiers in Microbiology, 2021, 12, 636054.	3.5	7
21	Deepâ€sea wooden shipwrecks influence sediment microbiome diversity. Limnology and Oceanography, 2022, 67, 482-497.	3.1	7
22	Microbiomes respond predictably to built habitats on the seafloor. Molecular Ecology, 2023, 32, 6686-6695.	3.9	5
23	Historic Wooden Shipwrecks Influence Dispersal of Deep-Sea Biofilms. Frontiers in Marine Science, 0, 9, .	2.5	5
24	Rapid sulfur cycling in sediments from the Peruvian oxygen minimum zone featuring simultaneous sulfate reduction and sulfide oxidation. Limnology and Oceanography, 2021, 66, 2661-2671.	3.1	4