

Laura Bretherton

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4022079/publications.pdf>

Version: 2024-02-01

14
papers

313
citations

1163117

8
h-index

1058476

14
g-index

15
all docs

15
docs citations

15
times ranked

305
citing authors

#	ARTICLE	IF	CITATIONS
1	The role of microbial exopolymers in determining the fate of oil and chemical dispersants in the ocean. <i>Limnology and Oceanography Letters</i> , 2016, 1, 3-26.	3.9	105
2	Physiological response of 10 phytoplankton species exposed to macondo oil and the dispersant, Corexit. <i>Journal of Phycology</i> , 2018, 54, 317-328.	2.3	42
3	Role of Polysaccharides in Diatom <i>Thalassiosira pseudonana</i> and its Associated Bacteria in Hydrocarbon Presence. <i>Plant Physiology</i> , 2019, 180, 1898-1911.	4.8	40
4	Extracellular Enzyme Activity Profile in a Chemically Enhanced Water Accommodated Fraction of Surrogate Oil: Toward Understanding Microbial Activities After the Deepwater Horizon Oil Spill. <i>Frontiers in Microbiology</i> , 2018, 9, 798.	3.5	30
5	Response of natural phytoplankton communities exposed to crude oil and chemical dispersants during a mesocosm experiment. <i>Aquatic Toxicology</i> , 2019, 206, 43-53.	4.0	28
6	Trait-dependent variability of the response of marine phytoplankton to oil and dispersant exposure. <i>Marine Pollution Bulletin</i> , 2020, 153, 110906.	5.0	16
7	Growth dynamics and domoic acid production of <i>Pseudo-nitzschia</i> sp. in response to oil and dispersant exposure. <i>Harmful Algae</i> , 2019, 86, 55-63.	4.8	11
8	Diatom aggregation when exposed to crude oil and chemical dispersant: Potential impacts of ocean acidification. <i>PLoS ONE</i> , 2020, 15, e0235473.	2.5	10
9	A ribosomal sequence-based oil sensitivity index for phytoplankton groups. <i>Marine Pollution Bulletin</i> , 2020, 151, 110798.	5.0	8
10	Diagnostic tool to ascertain marine phytoplankton exposure to chemically enhanced water accommodated fraction of oil using Fourier Transform Infrared spectroscopy. <i>Marine Pollution Bulletin</i> , 2018, 130, 170-178.	5.0	7
11	Day length as a key factor moderating the response of coccolithophore growth to elevated CO_2 . <i>Limnology and Oceanography</i> , 2019, 64, 1284-1296.	3.1	7
12	Importance of coccolithophore-associated organic biopolymers for fractionating particle-reactive radionuclides (^{234}Th , ^{233}Pa , ^{210}Pb , ^{210}Po , and ^{210}Bi). <i>Environmental Science and Technology</i> , 2019, 53, 1000-1007.	0.0	0
13	Photosynthetic adaptation to light availability shapes the ecological success of bloom-forming cyanobacterium <i>Pseudanabaena</i> to iron limitation. <i>Journal of Phycology</i> , 2020, 56, 1457-1467.	2.3	3
14	Contrasting transcriptomic responses of a microbial eukaryotic community to oil and dispersant. <i>Environmental Pollution</i> , 2021, 288, 117774.	7.5	1