

Susan Mau

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

21
papers

735
citations

16
h-index

23
g-index

23
ext. papers

883
ext. citations

3.5
avg, IF

3.63
L-index

#	Paper	IF	Citations
21	A water column study of methane around gas flares located at the West Spitsbergen continental margin. <i>Continental Shelf Research</i> , 2014 , 72, 107-118	2.4	77
20	Dissolved methane distributions and air-sea flux in the plume of a massive seep field, Coal Oil Point, California. <i>Geophysical Research Letters</i> , 2007 , 34,	4.9	74
19	Estimates of methane output from mud extrusions at the erosive convergent margin off Costa Rica. <i>Marine Geology</i> , 2006 , 225, 129-144	3.3	74
18	Widespread methane seepage along the continental margin off Svalbard - from Bjørnøya to Kongsfjorden. <i>Scientific Reports</i> , 2017 , 7, 42997	4.9	71
17	Methane hydrate accumulation in Mound 11 mud volcano, Costa Rica forearc. <i>Marine Geology</i> , 2005 , 216, 83-100	3.3	71
16	Vertical distribution of methane oxidation and methanotrophic response to elevated methane concentrations in stratified waters of the Arctic fjord Storfjorden (Svalbard, Norway). <i>Biogeosciences</i> , 2013 , 10, 6267-6278	4.6	53
15	Indications of a link between seismotectonics and CH ₄ release from seeps off Costa Rica. <i>Geochemistry, Geophysics, Geosystems</i> , 2007 , 8, n/a-n/a	3.6	45
14	Methane excess in Arctic surface water-triggered by sea ice formation and melting. <i>Scientific Reports</i> , 2015 , 5, 16179	4.9	36
13	First evidence of widespread active methane seepage in the Southern Ocean, off the sub-Antarctic island of South Georgia. <i>Earth and Planetary Science Letters</i> , 2014 , 403, 166-177	5.3	34
12	Quantification of CH ₄ loss and transport in dissolved plumes of the Santa Barbara Channel, California. <i>Continental Shelf Research</i> , 2012 , 32, 110-120	2.4	30
11	Assessing marine gas emission activity and contribution to the atmospheric methane inventory: A multidisciplinary approach from the Dutch Dogger Bank seep area (North Sea). <i>Geochemistry, Geophysics, Geosystems</i> , 2017 , 18, 2617-2633	3.6	25
10	Seasonal methane accumulation and release from a gas emission site in the central North Sea. <i>Biogeosciences</i> , 2015 , 12, 5261-5276	4.6	23
9	Physical control on methanotrophic potential in waters of the Santa Monica Basin, Southern California. <i>Limnology and Oceanography</i> , 2012 , 57, 420-432	4.8	23
8	Assessment of the radio 3H-CH ₄ tracer technique to measure aerobic methane oxidation in the water column. <i>Limnology and Oceanography: Methods</i> , 2015 , 13, 312-327	2.6	21
7	Carbon cycling fed by methane seepage at the shallow Cumberland Bay, South Georgia, sub-Antarctic. <i>Geochemistry, Geophysics, Geosystems</i> , 2016 , 17, 1401-1418	3.6	19
6	Using Carbon Isotope Fractionation to Constrain the Extent of Methane Dissolution Into the Water Column Surrounding a Natural Hydrocarbon Gas Seep in the Northern Gulf of Mexico. <i>Geochemistry, Geophysics, Geosystems</i> , 2018 , 19, 4459-4475	3.6	19
5	Amount and Fate of Gas and Oil Discharged at 3400 m Water Depth From a Natural Seep Site in the Southern Gulf of Mexico. <i>Frontiers in Marine Science</i> , 2019 , 6,	4.5	14

4	Seepage of methane at Jaco Scar, a slide caused by seamount subduction offshore Costa Rica. <i>International Journal of Earth Sciences</i> , 2014 , 103, 1801-1815	2.2	13
3	Compositional variability and air-sea flux of ethane and propane in the plume of a large, marine seep field near Coal Oil Point, CA. <i>Geo-Marine Letters</i> , 2010 , 30, 367-378	1.9	7
2	Different methanotrophic potentials in stratified polar fjord waters (Storfjorden, Spitsbergen) identified by using a combination of methane oxidation techniques		3
1	Methane Seeps and Independent Methane Plumes in the South China Sea Offshore Taiwan. <i>Frontiers in Marine Science</i> , 2020 , 7,	4.5	3