Susan Mau

List of Publications by Year in Descending Order

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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	Methane Seeps and Independent Methane Plumes in the South China Sea Offshore Taiwan. *Frontiers in Marine Science*, **2020**, 7,	4.5	3
20	Amount and Fate of Gas and Oil Discharged at 3400 m Water Depth From a Natural Seep Site in the Southern Gulf of Mexico. *Frontiers in Marine Science*, **2019**, 6,	4.5	14
19	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. *Geochemistry, Geophysics, Geosystems*, **2018**, 19, 4459-4475	3.6	19
18	Widespread methane seepage along the continental margin off Svalbard - from Bjørnøya to Kongsfjorden. *Scientific Reports*, **2017**, 7, 42997	4.9	71
17	Assessing marine gas emission activity and contribution to the atmospheric methane inventory: A multidisciplinary approach from the Dutch Dogger Bank seep area (North Sea). *Geochemistry, Geophysics, Geosystems*, **2017**, 18, 2617-2633	3.6	25
16	Carbon cycling fed by methane seepage at the shallow Cumberland Bay, South Georgia, sub-Antarctic. *Geochemistry, Geophysics, Geosystems*, **2016**, 17, 1401-1418	3.6	19
15	Methane excess in Arctic surface water-triggered by sea ice formation and melting. *Scientific Reports*, **2015**, 5, 16179	4.9	36
14	Assessment of the radio 3H-CH4 tracer technique to measure aerobic methane oxidation in the water column. *Limnology and Oceanography: Methods*, **2015**, 13, 312-327	2.6	21
13	Seasonal methane accumulation and release from a gas emission site in the central North Sea. *Biogeosciences*, **2015**, 12, 5261-5276	4.6	23
12	A water column study of methane around gas flares located at the West Spitsbergen continental margin. *Continental Shelf Research*, **2014**, 72, 107-118	2.4	77
11	First evidence of widespread active methane seepage in the Southern Ocean, off the sub-Antarctic island of South Georgia. *Earth and Planetary Science Letters*, **2014**, 403, 166-177	5.3	34
10	Seepage of methane at Jaco Scar, a slide caused by seamount subduction offshore Costa Rica. *International Journal of Earth Sciences*, **2014**, 103, 1801-1815	2.2	13
9	Vertical distribution of methane oxidation and methanotrophic response to elevated methane concentrations in stratified waters of the Arctic fjord Storfjorden (Svalbard, Norway). *Biogeosciences*, **2013**, 10, 6267-6278	4.6	53
8	Quantification of CH4 loss and transport in dissolved plumes of the Santa Barbara Channel, California. *Continental Shelf Research*, **2012**, 32, 110-120	2.4	30
7	Physical control on methanotrophic potential in waters of the Santa Monica Basin, Southern California. *Limnology and Oceanography*, **2012**, 57, 420-432	4.8	23
6	Compositional variability and air-sea flux of ethane and propane in the plume of a large, marine seep field near Coal Oil Point, CA. *Geo-Marine Letters*, **2010**, 30, 367-378	1.9	7
5	Indications of a link between seismotectonics and CH4 release from seeps off Costa Rica. *Geochemistry, Geophysics, Geosystems*, **2007**, 8, n/a-n/a	3.6	45

List of Publications

4	Dissolved methane distributions and air-sea flux in the plume of a massive seep field, Coal Oil Point, California. *Geophysical Research Letters*, **2007**, 34,	4.9	74
3	Estimates of methane output from mud extrusions at the erosive convergent margin off Costa Rica. *Marine Geology*, **2006**, 225, 129-144	3.3	74
2	Methane hydrate accumulation in Mound 11 mud volcano, Costa Rica forearc. *Marine Geology*, **2005**, 216, 83-100	3.3	71
1	Different methanotrophic potentials in stratified polar fjord waters (Storfjorden, Spitsbergen) identified by using a combination of methane oxidation techniques		3