

# Miriam Rmer

## List of Publications by Year in Descending Order

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**Version:** 2024-04-28

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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.

34  
papers

876  
citations

18  
h-index

29  
g-index

43  
ext. papers

1,082  
ext. citations

4.7  
avg, IF

3.84  
L-index

#	Paper	IF	Citations
34	Megabenthos habitats influenced by nearby hydrothermal activity on the Sandwich Plate, Southern Ocean. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , <b>2022</b> , 105075	2.3	1
33	Detailed Seafloor Observations on a Deep-Sea Terrace Along the Japan Trench After the 2011 Tohoku Earthquake. <i>ICL Contribution To Landslide Disaster Risk Reduction</i> , <b>2021</b> , 405-410		
32	Seafloor Methane Seepage Related to Salt Diapirism in the Northwestern Part of the German North Sea. <i>Frontiers in Earth Science</i> , <b>2021</b> , 9,	3.5	3
31	Iron and sulfate reduction structure microbial communities in (sub-)Antarctic sediments. <i>ISME Journal</i> , <b>2021</b> , 15, 3587-3604	11.9	8
30	Modelling of the gas hydrate potential in Svalbard fjords. <i>Journal of Natural Gas Science and Engineering</i> , <b>2021</b> , 94, 104127	4.6	0
29	Heterogeneous hydrocarbon seepage at Mictlan asphalt knoll of the southern Gulf of Mexico. <i>Marine and Petroleum Geology</i> , <b>2021</b> , 132, 105185	4.7	3
28	Methane gas emissions of the Black Sea mapping from the Crimean continental margin to the Kerch Peninsula slope. <i>Geo-Marine Letters</i> , <b>2020</b> , 40, 467-480	1.9	9
27	Hydrothermal Activity at a Cretaceous Seamount, Canary Archipelago, Caused by Rejuvenated Volcanism. <i>Frontiers in Marine Science</i> , <b>2020</b> , 7,	4.5	1
26	Ocean Observatories as a Tool to Advance Gas Hydrate Research. <i>Earth and Space Science</i> , <b>2019</b> , 6, 2644-2652	3.6	5
25	Geological controls on shallow gas distribution and seafloor seepage in an Arctic fjord of Spitsbergen, Norway. <i>Marine and Petroleum Geology</i> , <b>2019</b> , 107, 237-254	4.7	8
24	Characteristics and hydrocarbon seepage at the Challenger Knoll in the Sigsbee Basin, Gulf of Mexico. <i>Geo-Marine Letters</i> , <b>2019</b> , 39, 391-399	1.9	2
23	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> , <b>2019</b> , 6,	4.5	14
22	Morphology and activity of the Helgoland Mud Volcano in the Sorokin Trough, northern Black Sea. <i>Marine and Petroleum Geology</i> , <b>2019</b> , 99, 227-236	4.7	8
21	Seafloor sealing, doming, and collapse associated with gas seeps and authigenic carbonate structures at Venere mud volcano, Central Mediterranean. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , <b>2018</b> , 137, 76-96	2.5	20
20	Mud extrusion and ring-fault gas seepage - upward branching fluid discharge at a deep-sea mud volcano. <i>Scientific Reports</i> , <b>2018</b> , 8, 6275	4.9	11
19	Distributed natural gas venting offshore along the Cascadia margin. <i>Nature Communications</i> , <b>2018</b> , 9, 3264	17.4	27
18	Widespread methane seepage along the continental margin off Svalbard - from Bjørnøya to Kongsfjorden. <i>Scientific Reports</i> , <b>2017</b> , 7, 42997	4.9	71

17	Major advance of South Georgia glaciers during the Antarctic Cold Reversal following extensive sub-Antarctic glaciation. <i>Nature Communications</i> , <b>2017</b> , 8, 14798	17.4	21
16	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> , <b>2017</b> , 18, 2617-2633	3.6	25
15	Tidally controlled gas bubble emissions: A comprehensive study using long-term monitoring data from the NEPTUNE cabled observatory offshore Vancouver Island. <i>Geochemistry, Geophysics, Geosystems</i> , <b>2016</b> , 17, 3797-3814	3.6	40
14	Massive asphalt deposits, oil seepage, and gas venting support abundant chemosynthetic communities at the Campeche Knolls, southern Gulf of Mexico. <i>Biogeosciences</i> , <b>2016</b> , 13, 4491-4512	4.6	31
13	Carbon cycling fed by methane seepage at the shallow Cumberland Bay, South Georgia, sub-Antarctic. <i>Geochemistry, Geophysics, Geosystems</i> , <b>2016</b> , 17, 1401-1418	3.6	19
12	Seasonal methane accumulation and release from a gas emission site in the central North Sea. <i>Biogeosciences</i> , <b>2015</b> , 12, 5261-5276	4.6	23
11	Methane fluxes and carbonate deposits at a cold seep area of the Central Nile Deep Sea Fan, Eastern Mediterranean Sea. <i>Marine Geology</i> , <b>2014</b> , 347, 27-42	3.3	52
10	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> , <b>2014</b> , 403, 166-177	5.3	34
9	Gas emissions at the continental margin west of Svalbard: mapping, sampling, and quantification. <i>Biogeosciences</i> , <b>2014</b> , 11, 6029-6046	4.6	56
8	Evidence for Mass Transport Deposits at the IODP JFAST-Site in the Japan Trench. <i>Advances in Natural and Technological Hazards Research</i> , <b>2014</b> , 33-43	1.8	4
7	A slump in the trench: Tracking the impact of the 2011 Tohoku-Oki earthquake. <i>Geology</i> , <b>2013</b> , 41, 935-938		56
6	Geological control and magnitude of methane ebullition from a high-flux seep area in the Black Sea: The Kerch seep area. <i>Marine Geology</i> , <b>2012</b> , 319-322, 57-74	3.3	76
5	Quantification of gas bubble emissions from submarine hydrocarbon seeps at the Makran continental margin (offshore Pakistan). <i>Journal of Geophysical Research</i> , <b>2012</b> , 117, n/a-n/a		84
4	Late Pleistocene and Holocene cool-water carbonates of the Western Mediterranean Sea. <i>Sedimentology</i> , <b>2011</b> , 58, 643-669	3.3	27
3	Monsoon-induced partial carbonate platform drowning (Maldives, Indian Ocean). <i>Geology</i> , <b>2009</b> , 37, 867-870		71
2	Distribution of recent benthic foraminifera in shelf carbonate environments of the Western Mediterranean Sea. <i>Marine Micropaleontology</i> , <b>2009</b> , 73, 207-225	1.7	53
1	Gas emissions at the continental margin west off Svalbard: mapping, sampling, and quantification		13