

# Christian Berndt

## 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.

126 papers	3,524 citations	31 h-index	54 g-index
164 ext. papers	4,083 ext. citations	4.4 avg, IF	5.29 L-index

#	Paper	IF	Citations
126	Escape of methane gas from the seabed along the West Spitsbergen continental margin. <i>Geophysical Research Letters</i> , <b>2009</b> , 36, n/a-n/a	4.9	338
125	Geological controls on focused fluid flow associated with seafloor seeps in the Lower Congo Basin. <i>Marine Geology</i> , <b>2007</b> , 244, 68-92	3.3	205
124	Geological controls on the Storegga gas-hydrate system of the mid-Norwegian continental margin. <i>Earth and Planetary Science Letters</i> , <b>2003</b> , 209, 291-307	5.3	197
123	Temporal constraints on hydrate-controlled methane seepage off Svalbard. <i>Science</i> , <b>2014</b> , 343, 284-7	33.3	187
122	Focused fluid flow in passive continental margins. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , <b>2005</b> , 363, 2855-71	3	135
121	Seismic character of bottom simulating reflectors: examples from the mid-Norwegian margin. <i>Marine and Petroleum Geology</i> , <b>2004</b> , 21, 723-733	4.7	121
120	Seismic volcanostratigraphy of the Norwegian Margin: constraints on tectonomagmatic break-up processes. <i>Journal of the Geological Society</i> , <b>2001</b> , 158, 413-426	2.7	102
119	Water column methanotrophy controlled by a rapid oceanographic switch. <i>Nature Geoscience</i> , <b>2015</b> , 8, 378-382	18.3	67
118	Gas hydrate dissociation off Svalbard induced by isostatic rebound rather than global warming. <i>Nature Communications</i> , <b>2018</b> , 9, 83	17.4	67
117	Seismic chimneys in the Southern Viking Graben – Implications for palaeo fluid migration and overpressure evolution. <i>Earth and Planetary Science Letters</i> , <b>2015</b> , 412, 88-100	5.3	65
116	Combinations of volcanic-flank and seafloor-sediment failure offshore Montserrat, and their implications for tsunami generation. <i>Earth and Planetary Science Letters</i> , <b>2012</b> , 319-320, 228-240	5.3	63
115	Widespread and progressive seafloor-sediment failure following volcanic debris avalanche emplacement: Landslide dynamics and timing offshore Montserrat, Lesser Antilles. <i>Marine Geology</i> , <b>2012</b> , 323-325, 69-94	3.3	55
114	Polygonal fault systems on the mid-Norwegian margin: a long-term source for fluid flow. <i>Geological Society Special Publication</i> , <b>2003</b> , 216, 283-290	1.7	55
113	Cessation/reactivation of polygonal faulting and effects on fluid flow in the Vøring Basin, Norwegian Margin. <i>Journal of the Geological Society</i> , <b>2007</b> , 164, 129-141	2.7	54
112	Multiple widespread landslides during the long-term evolution of a volcanic island: Insights from high-resolution seismic data, Montserrat, Lesser Antilles. <i>Geochemistry, Geophysics, Geosystems</i> , <b>2011</b> , 12, n/a-n/a	3.6	51
111	Submarine slope failures due to pipe structure formation. <i>Nature Communications</i> , <b>2018</b> , 9, 715	17.4	49
110	Repeated slope failure linked to fluid migration: The Ana submarine landslide complex, Eivissa Channel, Western Mediterranean Sea. <i>Earth and Planetary Science Letters</i> , <b>2012</b> , 319-320, 65-74	5.3	47

109	Rifting under steamflow rift magmatism triggers methane venting from sedimentary basins. <i>Geology</i> , <b>2016</b> , 44, 767-770	5	46
108	Anatomy of a fluid pipe in the Norway Basin: Initiation, propagation and 3D shape. <i>Marine Geology</i> , <b>2012</b> , 332-334, 75-88	3.3	44
107	Controls on the tectono-magmatic evolution of a volcanic transform margin: the Vøring Transform Margin, NE Atlantic. <i>Marine Geophysical Researches</i> , <b>2001</b> , 22, 133-152	2.3	44
106	Gas-controlled seafloor doming. <i>Geology</i> , <b>2015</b> , 43, 571-574	5	43
105	On the origin of multiple BSRs in the Danube deep-sea fan, Black Sea. <i>Earth and Planetary Science Letters</i> , <b>2017</b> , 462, 15-25	5.3	41
104	Seismic evidence for shallow gas-escape features associated with a retreating gas hydrate zone offshore west Svalbard. <i>Journal of Geophysical Research</i> , <b>2012</b> , 117,		40
103	A technique for the morphological characterization of submarine landscapes as exemplified by debris flows of the Storegga Slide. <i>Journal of Geophysical Research</i> , <b>2007</b> , 112,		39
102	Development and mass movement processes of the north-eastern Storegga Slide. <i>Quaternary Science Reviews</i> , <b>2009</b> , 28, 433-448	3.9	37
101	Morphology and mechanics of submarine spreading: A case study from the Storegga Slide. <i>Journal of Geophysical Research</i> , <b>2007</b> , 112,		37
100	The impact of fluid advection on gas hydrate stability: Investigations at sites of methane seepage offshore Costa Rica. <i>Earth and Planetary Science Letters</i> , <b>2014</b> , 401, 95-109	5.3	35
99	Scale invariant characteristics of the Storegga Slide and implications for large-scale submarine mass movements. <i>Marine Geology</i> , <b>2008</b> , 247, 46-60	3.3	34
98	Igneous seismic geomorphology of buried lava fields and coastal escarpments on the Vøring volcanic rifted margin. <i>Interpretation</i> , <b>2017</b> , 5, SK161-SK177	1.4	33
97	Characterization of a stratigraphically constrained gas hydrate system along the western continental margin of Svalbard from ocean bottom seismometer data. <i>Journal of Geophysical Research</i> , <b>2011</b> , 116,		32
96	The Håkon Mosby mud volcano: 330000 years of focused fluid flow activity at the SW Barents Sea slope. <i>Marine Geology</i> , <b>2009</b> , 262, 105-115	3.3	32
95	Insights into the emplacement dynamics of volcanic landslides from high-resolution 3D seismic data acquired offshore Montserrat, Lesser Antilles. <i>Marine Geology</i> , <b>2013</b> , 335, 1-15	3.3	31
94	Fluid evolution and authigenic mineral paragenesis related to salt diapirism [The Mercator mud volcano in the Gulf of Cadiz. <i>Geochimica Et Cosmochimica Acta</i> , <b>2013</b> , 106, 261-286	5.5	31
93	Switching of a paleo-ice stream in northwest Svalbard. <i>Quaternary Science Reviews</i> , <b>2011</b> , 30, 1710-1725	3.9	31
92	From gradual spreading to catastrophic collapse [Reconstruction of the 1888 Ritter Island volcanic sector collapse from high-resolution 3D seismic data. <i>Earth and Planetary Science Letters</i> , <b>2019</b> , 517, 1-13	5.3	30

91	P-Cable High-Resolution Seismic. <i>Oceanography</i> , <b>2009</b> , 22, 85-85	2.3	30
90	Reduced methane seepage from Arctic sediments during cold bottom-water conditions. <i>Nature Geoscience</i> , <b>2020</b> , 13, 144-148	18.3	29
89	The SW African volcanic rifted margin and the initiation of the Walvis Ridge, South Atlantic. <i>Marine Geophysical Researches</i> , <b>2009</b> , 30, 207-214	2.3	29
88	Early-stage rifting of the northern Tyrrhenian Sea Basin: Results from a combined wide-angle and multichannel seismic study. <i>Geochemistry, Geophysics, Geosystems</i> , <b>2013</b> , 14, 3032-3052	3.6	28
87	Drivers of focused fluid flow and methane seepage at south Hydrate Ridge, offshore Oregon, USA. <i>Geology</i> , <b>2013</b> , 41, 551-554	5	28
86	Detecting hydrate and fluid flow from bottom simulating reflector depth anomalies. <i>Geology</i> , <b>2012</b> , 40, 227-230	5	28
85	Controlled-source electromagnetic and seismic delineation of subseafloor fluid flow structures in a gas hydrate province, offshore Norway. <i>Geophysical Journal International</i> , <b>2016</b> , 206, 1093-1110	2.6	26
84	Fluid flow systems of the Malta Plateau, Central Mediterranean Sea. <i>Marine Geology</i> , <b>2011</b> , 284, 74-85	3.3	25
83	Ocean bottom seismometer investigations in the Ormen Lange area offshore mid-Norway provide evidence for shallow gas layers in subsurface sediments. <i>Marine and Petroleum Geology</i> , <b>2005</b> , 22, 287-297	4.7	25
82	Glacigenic sedimentation pulses triggered post-glacial gas hydrate dissociation. <i>Nature Communications</i> , <b>2018</b> , 9, 635	17.4	24
81	The Fugløy Reef at 70°N; acoustic signature, geologic, geomorphologic and oceanographic setting. <i>International Journal of Earth Sciences</i> , <b>2007</b> , 96, 201-213	2.2	24
80	Gas hydrate distribution and hydrocarbon maturation north of the Knipovich Ridge, western Svalbard margin. <i>Journal of Geophysical Research: Solid Earth</i> , <b>2016</b> , 121, 1405-1424	3.6	23
79	From catastrophic collapse to multi-phase deposition: Flow transformation, seafloor interaction and triggered eruption following a volcanic-island landslide. <i>Earth and Planetary Science Letters</i> , <b>2019</b> , 517, 135-147	5.3	22
78	Tsunami modeling of a submarine landslide in the Fram Strait. <i>Geochemistry, Geophysics, Geosystems</i> , <b>2009</b> , 10, n/a-n/a	3.6	22
77	Towards improved monitoring of offshore carbon storage: A real-world field experiment detecting a controlled sub-seafloor CO <sub>2</sub> release. <i>International Journal of Greenhouse Gas Control</i> , <b>2021</b> , 106, 103237	4.2	22
76	Tectonic Controls on Gas Hydrate Distribution Off SW Taiwan. <i>Journal of Geophysical Research: Solid Earth</i> , <b>2019</b> , 124, 1164-1184	3.6	21
75	Methane in shallow subsurface sediments at the landward limit of the gas hydrate stability zone offshore western Svalbard. <i>Geochimica Et Cosmochimica Acta</i> , <b>2017</b> , 198, 419-438	5.5	20
74	Pockmarks in the Witch Ground Basin, Central North Sea. <i>Geochemistry, Geophysics, Geosystems</i> , <b>2019</b> , 20, 1698-1719	3.6	20

73	High-resolution resistivity imaging of marine gas hydrate structures by combined inversion of CSEM towed and ocean-bottom receiver data. <i>Geophysical Journal International</i> , <b>2018</b> , 214, 1701-1714	2.6	19
72	Ocean mixing in deep-sea trenches: New insights from the Challenger Deep, Mariana Trench. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , <b>2017</b> , 129, 1-9	2.5	19
71	Morphology, age and sediment dynamics of the upper headwall of the Sahara Slide Complex, Northwest Africa: Evidence for a large Late Holocene failure. <i>Marine Geology</i> , <b>2017</b> , 393, 109-123	3.3	18
70	Fluid venting and seepage at accretionary ridges: the Four Way Closure Ridge offshore SW Taiwan. <i>Geo-Marine Letters</i> , <b>2016</b> , 36, 165-174	1.9	18
69	Linked halokinesis and mud volcanism at the Mercator mud volcano, Gulf of Cadiz. <i>Journal of Geophysical Research</i> , <b>2011</b> , 116,		18
68	Geophysical and geochemical evidence of large scale fluid flow within shallow sediments in the eastern Gulf of Mexico, offshore Louisiana. <i>Geofluids</i> , <b>2011</b> , 11, 34-47	1.5	18
67	On the formation of hydrothermal vents and cold seeps in the Guaymas Basin, Gulf of California. <i>Biogeosciences</i> , <b>2018</b> , 15, 5715-5731	4.6	18
66	Kilometre-scale polygonal seabed depressions in the Hatton Basin, NE Atlantic Ocean: Constraints on the origin of polygonal faulting. <i>Marine Geology</i> , <b>2012</b> , 332-334, 126-133	3.3	17
65	Greenhouse gas emissions from marine decommissioned hydrocarbon wells: leakage detection, monitoring and mitigation strategies. <i>International Journal of Greenhouse Gas Control</i> , <b>2020</b> , 100, 103119	4.2	17
64	Emplacement of pyroclastic deposits offshore Montserrat: Insights from 3D seismic data. <i>Journal of Volcanology and Geothermal Research</i> , <b>2013</b> , 257, 1-11	2.8	16
63	Insights into active deformation in the Gulf of Cadiz from new 3-D seismic and high-resolution bathymetry data. <i>Geochemistry, Geophysics, Geosystems</i> , <b>2011</b> , 12, n/a-n/a	3.6	15
62	Potential impacts of gas hydrate exploitation on slope stability in the Danube deep-sea fan, Black Sea. <i>Marine and Petroleum Geology</i> , <b>2018</b> , 92, 1056-1068	4.7	15
61	Polyphase tectonic inversion and its role in controlling hydrocarbon prospectivity in the Greater East Shetland Platform and Mid North Sea High, UK. <i>Geological Society Special Publication</i> , <b>2019</b> , 471, 177-235	1.7	14
60	Crustal thinning in the northern Tyrrhenian Rift: Insights from multichannel and wide-angle seismic data across the basin. <i>Journal of Geophysical Research: Solid Earth</i> , <b>2014</b> , 119, 1655-1677	3.6	14
59	In Situ Temperature Measurements at the Svalbard Continental Margin: Implications for Gas Hydrate Dynamics. <i>Geochemistry, Geophysics, Geosystems</i> , <b>2018</b> , 19, 1165-1177	3.6	13
58	Gas migration through Opouawe Bank at the Hikurangi margin offshore New Zealand. <i>Geo-Marine Letters</i> , <b>2016</b> , 36, 187-196	1.9	13
57	Late Eocene onset of the Proto-Antarctic Circumpolar Current. <i>Scientific Reports</i> , <b>2019</b> , 9, 10125	4.9	13
56	High-resolution architecture of a polygonal fault interval inferred from geomodel applied to 3D seismic data from the Gjallar Ridge, Vøring Basin, Offshore Norway. <i>Marine Geology</i> , <b>2012</b> , 332-334, 134-151	3.3	13

55	Toward one-meter resolution in 3D seismic. <i>The Leading Edge</i> , <b>2018</b> , 37, 818-828	1	13
54	Redox conditions and authigenic mineralization related to cold seeps in central Guaymas Basin, Gulf of California. <i>Marine and Petroleum Geology</i> , <b>2018</b> , 95, 1-15	4.7	12
53	On the origin of large shelf embayments on glaciated margins—Effects of lateral ice flux variations and glacio-dynamics west of Svalbard. <i>Quaternary Science Reviews</i> , <b>2007</b> , 26, 2406-2419	3.9	12
52	3-D magnetotelluric image of offshore magmatism at the Walvis Ridge and rift basin. <i>Tectonophysics</i> , <b>2016</b> , 683, 98-108	3.1	11
51	Focused fluid flow and the sub-seabed storage of CO <sub>2</sub> : Evaluating the leakage potential of seismic chimney structures for the Sleipner CO <sub>2</sub> storage operation. <i>Marine and Petroleum Geology</i> , <b>2017</b> , 88, 81-93	4.7	10
50	Polyphase Magmatism During the Formation of the Northern East Greenland Continental Margin. <i>Tectonics</i> , <b>2019</b> , 38, 2961-2982	4.3	10
49	Sidescan backscatter variations of cold seeps on the Hikurangi Margin (New Zealand): indications for different stages in seep development. <i>Geo-Marine Letters</i> , <b>2014</b> , 34, 169-184	1.9	10
48	Munidopsis lauensis Baba & de Saint Laurent, 1992 (Decapoda, Anomura, Munidopsidae), a newly recorded squat lobster from a cold seep in Taiwan. <i>Zootaxa</i> , <b>2013</b> , 3737, 92-6	0.5	10
47	New insights into geology and geochemistry of the Kerch seep area in the Black Sea. <i>Marine and Petroleum Geology</i> , <b>2020</b> , 113, 104162	4.7	10
46	Offshore Freshened Groundwater in Continental Margins. <i>Reviews of Geophysics</i> , <b>2021</b> , 59, e2020RG000706	4.6	10
45	Seismic analysis of the gas hydrate system at Pointer Ridge offshore SW Taiwan. <i>Marine and Petroleum Geology</i> , <b>2019</b> , 105, 158-167	4.7	9
44	Seal bypass at the Giant Gjallar Vent (Norwegian Sea): Indications for a new phase of fluid venting at a 56-Ma-old fluid migration system. <i>Marine Geology</i> , <b>2014</b> , 351, 38-52	3.3	9
43	The Fram Slide off Svalbard: a submarine landslide on a low-sedimentation-rate glacial continental margin. <i>Journal of the Geological Society</i> , <b>2015</b> , 172, 153-156	2.7	9
42	Seabed characterization through a range of high-resolution acoustic systems—a case study offshore Oman. <i>Marine Geophysical Researches</i> , <b>2006</b> , 27, 167-180	2.3	9
41	Chronology of the Fram Slide Complex offshore NW Svalbard and its implications for local and regional slope stability. <i>Marine Geology</i> , <b>2017</b> , 393, 141-155	3.3	8
40	Seismic reflection imaging of mixing processes in Fram Strait. <i>Journal of Geophysical Research: Oceans</i> , <b>2015</b> , 120, 6884-6896	3.3	8
39	Giant depressions on the Chatham Rise offshore New Zealand—Morphology, structure and possible relation to fluid expulsion and bottom currents. <i>Marine Geology</i> , <b>2018</b> , 399, 158-169	3.3	7
38	Elongate fluid flow structures: Stress control on gas migration at Opouawe Bank, New Zealand. <i>Marine and Petroleum Geology</i> , <b>2018</b> , 92, 913-931	4.7	7

37	Correlation of core and downhole seismic velocities in high-pressure metamorphic rocks: a case study for the COSC-1 borehole, Sweden. <i>Solid Earth</i> , <b>2020</b> , 11, 607-626	3.3	7
36	Volcanic-Island Lateral Collapses and Their Submarine Deposits. <i>Advances in Volcanology</i> , <b>2021</b> , 255-279	6	
35	Multiscale characterisation of chimneys/pipes: Fluid escape structures within sedimentary basins. <i>International Journal of Greenhouse Gas Control</i> , <b>2021</b> , 106, 103245	4.2	6
34	Geological controls on the gas hydrate system of Formosa Ridge, South China Sea <b>2014</b> ,	5	
33	Electrical Resistivity Anomalies Offshore a Carbonate Coastline: Evidence for Freshened Groundwater?. <i>Geophysical Research Letters</i> , <b>2021</b> , 48, e2020GL091909	4.9	5
32	Biogeochemical Consequences of Nonvertical Methane Transport in Sediment Offshore Northwestern Svalbard. <i>Journal of Geophysical Research G: Biogeosciences</i> , <b>2020</b> , 125, e2019JG005371	3.7	4
31	ESONET: An European Sea Observatory Initiative <b>2008</b> ,	4	
30	Geomechanical behaviour of gassy soils and implications for submarine slope stability: a literature analysis. <i>Geological Society Special Publication</i> , <b>2020</b> , 500, 277-288	1.7	4
29	A Shallow Seabed Dynamic Gas Hydrate System off SW Taiwan: Results From 3-D Seismic, Thermal, and Fluid Migration Analyses. <i>Journal of Geophysical Research: Solid Earth</i> , <b>2020</b> , 125, e2019JB019245-T	3.6	4
28	Core-Log-Seismic Integration in Metamorphic Rocks and Its Implication for the Regional Geology: A Case Study for the ICDP Drilling Project COSC-1, Sweden. <i>Geochemistry, Geophysics, Geosystems</i> , <b>2021</b> , 22, e2020GC009376	3.6	4
27	Deep-seated focused fluid migration as indicator for hydrocarbon leads in the East Shetland Platform, North Sea Province. <i>Geological Society Special Publication</i> , <b>2019</b> , SP494-2019-26	1.7	4
26	Porosity and free gas estimates from controlled source electromagnetic data at the Scanner Pockmark in the North Sea. <i>International Journal of Greenhouse Gas Control</i> , <b>2021</b> , 109, 103343	4.2	4
25	Imaging zero-offset 3-D P-cable data with CRS method. <i>Geophysical Journal International</i> , <b>2019</b> , 219, 1876-1884	2.6	3
24	Northeast Atlantic breakup volcanism and consequences for Paleogene climate change □ MagellanPlus Workshop report. <i>Scientific Drilling</i> , 26, 69-85	3	
23	Widespread hydrothermal vents and associated volcanism record prolonged Cenozoic magmatism in the South China Sea. <i>Bulletin of the Geological Society of America</i> ,	3.9	3
22	Cross-Scale Seismic Anisotropy Analysis in Metamorphic Rocks From the COSC-1 Borehole in the Scandinavian Caledonides. <i>Journal of Geophysical Research: Solid Earth</i> , <b>2021</b> , 126, e2020JB021154	3.6	3
21	Submarine spreading in the Storegga Slide, Norwegian Sea. <i>Geological Society Memoir</i> , <b>2016</b> , 46, 411-412	0.4	3
20	Prediction of seismic P-wave velocity using machine learning. <i>Solid Earth</i> , <b>2019</b> , 10, 1989-2000	3.3	3



19	Seismic chimney characterisation in the North Sea – Implications for pockmark formation and shallow gas migration. <i>Marine and Petroleum Geology</i> , <b>2021</b> , 133, 105301	4.7	3
18	Transition from hydrothermal vents to cold seeps records timing of carbon release in the Guaymas Basin, Gulf of California		2
17	Does Retrogression Always Account for the Large Volume of Submarine Megaslides? Evidence to the Contrary From the Tampen Slide, Offshore Norway. <i>Journal of Geophysical Research: Solid Earth</i> , <b>2021</b> , 126, e2020JB020655	3.6	2
16	Electromagnetic and seismic investigation of methane hydrates offshore Taiwan – The Taiflux experiment <b>2014</b> ,		1
15	Ocean bottom seismometer investigations in the Ormen Lange area offshore mid-Norway provide evidence for shallow gas layers in subsurface sediments <b>2005</b> , 287-297		1
14	Combining 3D seismics, eyewitness accounts and numerical simulations to reconstruct the 1888 Ritter Island sector collapse and tsunami. <i>International Journal of Earth Sciences</i> , <b>2020</b> , 109, 2659-2677	2.2	1
13	A Rapid Numerical Method to Constrain 2D Focused Fluid Flow Rates Along Convergent Margins Using Dense BSR-Based Temperature Field Data. <i>Journal of Geophysical Research: Solid Earth</i> , <b>2021</b> , 126, e2021JB021668	3.6	1
12	Anisotropic velocity models for (3-D) seismic imaging of the Lower Seve Nappe in Jämtland, Sweden. <i>Geophysical Journal International</i> , <b>2021</b> , 228, 66-77	2.6	1
11	Seismic imaging of an active fluid conduit below Scanner Pockmark, Central North Sea. <i>Marine and Petroleum Geology</i> , <b>2021</b> , 133, 105302	4.7	1
10	Comparison of Different Coupling Methods for Joint Inversion of Geophysical Data: A Case Study for the Namibian Continental Margin. <i>Journal of Geophysical Research: Solid Earth</i> , <b>2021</b> , 126, e2021JB022092	3.6	0
9	Focused methane migration formed pipe structures in permeable sandstones: Insights from uncrewed aerial vehicle-based digital outcrop analysis in Varna, Bulgaria. <i>Sedimentology</i> , <b>2021</b> , 68, 2765-2782	3.3	0
8	Seismic reconstruction of seafloor sediment deformation during volcanic debris avalanche emplacement offshore Sakar, Papua New Guinea. <i>Marine Geology</i> , <b>2021</b> , 439, 106563	3.3	0
7	Characterizing ancient and modern hydrothermal venting systems. <i>Marine Geology</i> , <b>2022</b> , 447, 106781	3.3	0
6	A gas hydrate site with bi-verging folding in the outer wedge offshore SW Taiwan: Results from kinematic structural modeling and finite strain analysis. <i>Tectonophysics</i> , <b>2020</b> , 790, 228540	3.1	
5	Gas Hydrate and Fluid-Related Seismic Indicators Across the Passive and Active Margins off SW Taiwan <b>2022</b> , 173-181		
4	Finding and Using the World's Gas Hydrates <b>2022</b> , 33-52		
3	Reply to comment on "Greenhouse gas emissions from marine decommissioned hydrocarbon wells: Leakage detection, monitoring and mitigation strategies" <i>International Journal of Greenhouse Gas Control</i> , <b>2022</b> , 113, 103518	4.2	
2	Insights into Gas Hydrate Dynamics from 3D Seismic Data, Offshore Mauritania <b>2022</b> , 323-329		



- 1 A Hybrid Lister-Outrigger Probe for Rapid Marine Geothermal Gradient Measurement. *Earth and Space Science*, **2021**, 8, e2020EA001327 3.1