Christoph BÃ¶ttner

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1110861/publications.pdf

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17	353	933447 10	996975 15
papers	citations	h-index	g-index

18	18	18	565
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Rifting under steamâ€"How rift magmatism triggers methane venting from sedimentary basins. Geology, 2016, 44, 767-770.	4.4	59
2	From gradual spreading to catastrophic collapse â€“ Reconstruction of the 1888 Ritter Island volcanic sector collapse from high-resolution 3D seismic data. Earth and Planetary Science Letters, 2019, 517, 1-13.	4.4	44
3	Towards improved monitoring of offshore carbon storage: A real-world field experiment detecting a controlled sub-seafloor CO2 release. International Journal of Greenhouse Gas Control, 2021, 106, 103237.	4.6	39
4	Greenhouse gas emissions from marine decommissioned hydrocarbon wells: leakage detection, monitoring and mitigation strategies. International Journal of Greenhouse Gas Control, 2020, 100, 103119.	4.6	36
5	Pockmarks in the Witch Ground Basin, Central North Sea. Geochemistry, Geophysics, Geosystems, 2019, 20, 1698-1719.	2.5	35
6	From catastrophic collapse to multi-phase deposition: Flow transformation, seafloor interaction and triggered eruption following a volcanic-island landslide. Earth and Planetary Science Letters, 2019, 517, 135-147.	4.4	32
7	Free gas distribution and basal shear zone development in a subaqueous landslide â€“ Insight from 3D seismic imaging of the Tuaheni Landslide Complex, New Zealand. Earth and Planetary Science Letters, 2018, 502, 231-243.	4.4	28
8	Seismic chimney characterisation in the North Sea â€“ Implications for pockmark formation and shallow gas migration. Marine and Petroleum Geology, 2021, 133, 105301.	3.3	17
9	Marine Forearc Extension in the Hikurangi Margin: New Insights From Highâ€Resolution 3â€D Seismic Data. Tectonics, 2018, 37, 1472-1491.	2.8	15
10	Multiscale characterisation of chimneys/pipes: Fluid escape structures within sedimentary basins. International Journal of Greenhouse Gas Control, 2021, 106, 103245.	4.6	13
11	A new depositional model for the Tuaheni Landslide Complex, Hikurangi Margin, New Zealand. Geological Society Special Publication, 2020, 500, 551-566.	1.3	12
12	Porosity and free gas estimates from controlled source electromagnetic data at the Scanner Pockmark in the North Sea. International Journal of Greenhouse Gas Control, 2021, 109, 103343.	4.6	8
13	Focused methane migration formed pipe structures in permeable sandstones: Insights from uncrewed aerial vehicleâ€based digital outcrop analysis in Varna, Bulgaria. Sedimentology, 2021, 68, 2765-2782.	3.1	5
14	Seismic imaging of an active fluid conduit below Scanner Pockmark, Central North Sea. Marine and Petroleum Geology, 2021, 133, 105302.	3.3	4
15	Formation of the Figge Maar Seafloor Crater During the 1964 B1 Blowout in the German North Sea. Earth Science, Systems and Society, 0, 2, .	0.0	4
16	An 1888 Volcanic Collapse Becomes a Benchmark for Tsunami Models. Eos, 2017, , .	0.1	0
17	Reply to comment on â€œGreenhouse gas emissions from marine decommissioned hydrocarbon wells: Leakage detection, monitoring and mitigation strategiesâ€. International Journal of Greenhouse Gas Control, 2022, 113, 103518.	4.6	0