

Katrin Schwalenberg

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

365
citations

840776

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h-index

1125743

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14
all docs

14
docs citations

14
times ranked

383
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of gas hydrate deposits in an active seep area using marine controlled source electromagnetics: Results from Opouawe Bank, Hikurangi Margin, New Zealand. <i>Marine Geology</i> , 2010, 272, 79-88.	2.1	86
2	3D characterisation and quantification of an offshore freshened groundwater system in the Canterbury Bight. <i>Nature Communications</i> , 2020, 11, 1372.	12.8	48
3	Preliminary interpretation of electromagnetic, heat flow, seismic, and geochemical data for gas hydrate distribution across the Porangahau Ridge, New Zealand. <i>Marine Geology</i> , 2010, 272, 89-98.	2.1	45
4	Marine-controlled source electromagnetic study of methane seeps and gas hydrates at Opouawe Bank, Hikurangi Margin, New Zealand. <i>Journal of Geophysical Research: Solid Earth</i> , 2017, 122, 3334-3350.	3.4	38
5	Offshore Freshened Groundwater in Continental Margins. <i>Reviews of Geophysics</i> , 2021, 59, e2020RG000706.	23.0	31
6	Trans-dimensional Bayesian inversion of controlled-source electromagnetic data in the German North Sea. <i>Geophysical Prospecting</i> , 2015, 63, 1314-1333.	1.9	29
7	How Offshore Groundwater Shapes the Seafloor. <i>Eos</i> , 2018, 99, .	0.1	22
8	Analysis of marine controlled source electromagnetic data for the assessment of gas hydrates in the Danube deep-sea fan, Black Sea. <i>Marine and Petroleum Geology</i> , 2020, 122, 104650.	3.3	19
9	Mapping seafloor massive sulfides with the Golden Eye frequency-domain EM profiler. <i>First Break</i> , 2018, 36, 61-67.	0.4	14
10	Electrical Resistivity Anomalies Offshore a Carbonate Coastline: Evidence for Freshened Groundwater?. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL091909.	4.0	13
11	Seafloor Methane Seepage Related to Salt Diapirism in the Northwestern Part of the German North Sea. <i>Frontiers in Earth Science</i> , 2021, 9, .	1.8	11
12	Study on gas hydrate targets in the Danube Paleo-Delta with a dual polarization controlled-source electromagnetic system. <i>Marine and Petroleum Geology</i> , 2021, 134, 105330.	3.3	7
13	Effects of metallic system components on marine electromagnetic loop data. <i>Geophysical Prospecting</i> , 2020, 68, 2254-2270.	1.9	2