

Graham K Westbrook

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

848
citations

623734

14
h-index

1058476

14
g-index

14
all docs

14
docs citations

14
times ranked

1143
citing authors

#	ARTICLE	IF	CITATIONS
1	Escape of methane gas from the seabed along the West Spitsbergen continental margin. <i>Geophysical Research Letters</i> , 2009, 36, .	4.0	406
2	Evidence from three-dimensional seismic tomography for a substantial accumulation of gas hydrate in a fluid-escape chimney in the Nyegga pockmark field, offshore Norway. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	58
3	The response of methane hydrate beneath the seabed offshore Svalbard to ocean warming during the next three centuries. <i>Geophysical Research Letters</i> , 2013, 40, 5159-5163.	4.0	55
4	A joint electromagnetic and seismic study of an active pockmark within the hydrate stability field at the Vestnesa Ridge, West Svalbard margin. <i>Journal of Geophysical Research: Solid Earth</i> , 2015, 120, 6797-6822.	3.4	50
5	Seismic evidence for shallow gas-escape features associated with a retreating gas hydrate zone offshore west Svalbard. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	47
6	Controls on the formation and stability of gas hydrate-related bottom-simulating reflectors (BSRs): A case study from the west Svalbard continental slope. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	42
7	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> , 2011, 116, .	3.3	38
8	Layer stripping of shear-wave splitting in marine <i>PS</i> waves. <i>Geophysical Journal International</i> , 2009, 176, 782-804.	2.4	30
9	Estimates of future warming-induced methane emissions from hydrate offshore west Svalbard for a range of climate models. <i>Geochemistry, Geophysics, Geosystems</i> , 2015, 16, 1307-1323.	2.5	27
10	Methane in shallow subsurface sediments at the landward limit of the gas hydrate stability zone offshore western Svalbard. <i>Geochimica Et Cosmochimica Acta</i> , 2017, 198, 419-438.	3.9	26
11	Resistivity image beneath an area of active methane seeps in the west Svalbard continental slope. <i>Geophysical Journal International</i> , 2016, 207, 1286-1302.	2.4	19
12	Variations in pockmark composition at the Vestnesa Ridge: Insights from marine controlled source electromagnetic and seismic data. <i>Geochemistry, Geophysics, Geosystems</i> , 2017, 18, 1111-1125.	2.5	18
13	Variability of Acoustically Evidenced Methane Bubble Emissions Offshore Western Svalbard. <i>Geophysical Research Letters</i> , 2019, 46, 9072-9081.	4.0	17
14	Seismic velocity, anisotropy, and fluid pressure in the Barbados accretionary wedge from an offset vertical seismic profile with seabed sources. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	15