

# Heinrich Villinger

## List of Publications by Year in descending order

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13  
papers

629  
citations

933447

10  
h-index

1199594

12  
g-index

13  
all docs

13  
docs citations

13  
times ranked

720  
citing authors

#	ARTICLE	IF	CITATIONS
1	Iceberg scouring in Scoresby Sund and on the East Greenland continental shelf. <i>Marine Geology</i> , 1993, 111, 37-53.	2.1	146
2	Gas hydrate stability and the assessment of heat flow through continental margins. <i>Geophysical Journal International</i> , 2001, 145, 647-660.	2.4	107
3	Interstitial fluid chemistry of sediments underlying the North Atlantic gyre and the influence of subsurface fluid flow. <i>Earth and Planetary Science Letters</i> , 2012, 323-324, 79-91.	4.4	77
4	Hydrothermal heat flux through aged oceanic crust: where does the heat escape?. <i>Earth and Planetary Science Letters</i> , 2002, 202, 159-170.	4.4	62
5	Miniaturized data loggers for deep sea sediment temperature gradient measurements. <i>Marine Geology</i> , 2002, 186, 557-570.	2.1	56
6	Solving cylindrical geothermal problems using the Gaverâ€štehfest inverse Laplace transform. <i>Geophysics</i> , 1985, 50, 1581-1587.	2.6	55
7	Hydrothermal activity and the evolution of the seismic properties of upper oceanic crust. <i>Journal of Geophysical Research</i> , 1999, 104, 5069-5079.	3.3	53
8	Thermal regime of the Costa Rican convergent margin: 1. Alongâ€šstrike variations in heat flow from probe measurements and estimated from bottomâ€šsimulating reflectors. <i>Geochemistry, Geophysics, Geosystems</i> , 2010, 11, .	2.5	31
9	Longâ€šterm tilt and acceleration data from the Logatchev Hydrothermal Vent Field, Midâ€šAtlantic Ridge, measured by the Bremen Ocean Bottom Tiltmeter. <i>Geochemistry, Geophysics, Geosystems</i> , 2008, 9, .	2.5	14
10	The Bremen ocean bottom tiltmeter (OBT) â€“ a technical article on a new instrument to monitor deep sea floor deformation and seismicity level. <i>Marine Geophysical Researches</i> , 2007, 28, 13-26.	1.2	13
11	Thermal constraints on the frictional conditions of the nucleation and rupture area of the 1992 Nicaragua tsunami earthquake. <i>Geophysical Journal International</i> , 2009, 179, 1265-1278.	2.4	8
12	Hydrothermal Activity at a Cretaceous Seamount, Canary Archipelago, Caused by Rejuvenated Volcanism. <i>Frontiers in Marine Science</i> , 2020, 7, .	2.5	4
13	Iceberg Scours: Records from Broad and Narrow-Beam Acoustic Systems. , 1997, , 27-28.		3