

Timothy J Crone

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6271813/publications.pdf>

Version: 2024-02-01

19
papers

1,210
citations

759233

12
h-index

794594

19
g-index

20
all docs

20
docs citations

20
times ranked

1639
citing authors

#	ARTICLE	IF	CITATIONS
1	Review of flow rate estimates of the <i>Deepwater Horizon</i> oil spill. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 20260-20267.	7.1	458
2	Magnitude of the 2010 Gulf of Mexico Oil Leak. Science, 2010, 330, 634-634.	12.6	433
3	Modeling the effects of tidal loading on mid-ocean ridge hydrothermal systems. Geochemistry, Geophysics, Geosystems, 2005, 6, n/a-n/a.	2.5	51
4	Systematic along-axis tidal triggering of microearthquakes observed at 9°50'N East Pacific Rise. Geophysical Research Letters, 2009, 36, .	4.0	40
5	Flow rate perturbations in a black smoker hydrothermal vent in response to a mid-ocean ridge earthquake swarm. Geochemistry, Geophysics, Geosystems, 2010, 11, .	2.5	33
6	Optical plume velocimetry: a new flow measurement technique for use in seafloor hydrothermal systems. Experiments in Fluids, 2008, 45, 899-915.	2.4	31
7	The Sound Generated by Mid-Ocean Ridge Black Smoker Hydrothermal Vents. PLoS ONE, 2006, 1, e133.	2.5	29
8	Permeability structure of young ocean crust from poroelastically triggered earthquakes. Geophysical Research Letters, 2011, 38, n/a-n/a.	4.0	24
9	Broadband calibration of the R/V <i>Marcus G. Langseth</i> four-string seismic sources. Geochemistry, Geophysics, Geosystems, 2009, 10, .	2.5	21
10	Depth-Dependent Permeability and Heat Output at Basalt-Hosted Hydrothermal Systems Across Mid-Ocean Ridge Spreading Rates. Geochemistry, Geophysics, Geosystems, 2018, 19, 1259-1281.	2.5	16
11	Smoke Without Fire: How Long Can Thermal Cracking Sustain Hydrothermal Circulation in the Absence of Magmatic Heat?. Journal of Geophysical Research: Solid Earth, 2018, 123, 4561-4581.	3.4	16
12	Mantle helium reveals Southern Ocean hydrothermal venting. Geophysical Research Letters, 2010, 37, .	4.0	13
13	R/V Marcus G. Langseth seismic source: Modeling and calibration. Geochemistry, Geophysics, Geosystems, 2010, 11, n/a-n/a.	2.5	11
14	Crustal magnetization and the subseafloor structure of the ASHES vent field, Axial Seamount, Juan de Fuca Ridge: Implications for the investigation of hydrothermal sites. Geophysical Research Letters, 2016, 43, 6205-6211.	4.0	10
15	Diffuse venting at the ASHES hydrothermal field: Heat flux and tidally modulated flow variability derived from in situ time-series measurements. Geochemistry, Geophysics, Geosystems, 2016, 17, 1435-1453.	2.5	9
16	Estimating shallow water sound power levels and mitigation radii for the <i>R/V</i> <i>M</i> <i>arcus</i> <i>G</i> <i>L</i> <i>angseth</i> using an 8 km long MCS streamer. Geochemistry, Geophysics, Geosystems, 2014, 15, 3793-3807.	2.5	6
17	Acoustic evidence of a long-lived gas-driven submarine volcanic eruption in the Bismarck Sea. Geophysical Journal International, 2019, 217, 169-178.	2.4	4
18	Utilizing the R/V Marcus G. Langseth's streamer to measure the acoustic radiation of its seismic source in the shallow waters of New Jersey's continental shelf. PLoS ONE, 2017, 12, e0183096.	2.5	3

#	ARTICLE	IF	CITATIONS
19	Sound source localization technique using a seismic streamer and its extension for whale localization during seismic surveys. Journal of the Acoustical Society of America, 2015, 138, 3951-3963.	1.1	2