

Timothy J Crone

List of Publications by Year in descending order

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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	Acoustic evidence of a long-lived gas-driven submarine volcanic eruption in the Bismarck Sea. <i>Geophysical Journal International</i> , 2019, 217, 169-178.	2.4	4
2	Depth-Dependent Permeability and Heat Output at Basalt-Hosted Hydrothermal Systems Across Mid-Ocean Ridge Spreading Rates. <i>Geochemistry, Geophysics, Geosystems</i> , 2018, 19, 1259-1281.	2.5	16
3	Smoke Without Fire: How Long Can Thermal Cracking Sustain Hydrothermal Circulation in the Absence of Magmatic Heat?. <i>Journal of Geophysical Research: Solid Earth</i> , 2018, 123, 4561-4581.	3.4	16
4	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. <i>PLoS ONE</i> , 2017, 12, e0183096.	2.5	3
5	Crustal magnetization and the subseafloor structure of the ASHES vent field, Axial Seamount, Juan de Fuca Ridge: Implications for the investigation of hydrothermal sites. <i>Geophysical Research Letters</i> , 2016, 43, 6205-6211.	4.0	10
6	Diffuse venting at the ASHES hydrothermal field: Heat flux and tidally modulated flow variability derived from in situ time-series measurements. <i>Geochemistry, Geophysics, Geosystems</i> , 2016, 17, 1435-1453.	2.5	9
7	Sound source localization technique using a seismic streamer and its extension for whale localization during seismic surveys. <i>Journal of the Acoustical Society of America</i> , 2015, 138, 3951-3963.	1.1	2
8	Estimating shallow water sound power levels and mitigation radii for the R/V Marcus G. Langseth using an 8 km long MCS streamer. <i>Geochemistry, Geophysics, Geosystems</i> , 2014, 15, 3793-3807.	2.5	6
9	Review of flow rate estimates of the Deepwater Horizon oil spill. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 20260-20267.	7.1	458
10	Permeability structure of young ocean crust from poroelastically triggered earthquakes. <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a.	4.0	24
11	R/V Marcus G. Langseth seismic source: Modeling and calibration. <i>Geochemistry, Geophysics, Geosystems</i> , 2010, 11, n/a-n/a.	2.5	11
12	Flow rate perturbations in a black smoker hydrothermal vent in response to a mid-ocean ridge earthquake swarm. <i>Geochemistry, Geophysics, Geosystems</i> , 2010, 11, .	2.5	33
13	Mantle helium reveals Southern Ocean hydrothermal venting. <i>Geophysical Research Letters</i> , 2010, 37, .	4.0	13
14	Magnitude of the 2010 Gulf of Mexico Oil Leak. <i>Science</i> , 2010, 330, 634-634.	12.6	433
15	Broadband calibration of the R/V Marcus G. Langseth four-string seismic sources. <i>Geochemistry, Geophysics, Geosystems</i> , 2009, 10, .	2.5	21
16	Systematic along-axis tidal triggering of microearthquakes observed at 9°50'N East Pacific Rise. <i>Geophysical Research Letters</i> , 2009, 36, .	4.0	40
17	Optical plume velocimetry: a new flow measurement technique for use in seafloor hydrothermal systems. <i>Experiments in Fluids</i> , 2008, 45, 899-915.	2.4	31
18	The Sound Generated by Mid-Ocean Ridge Black Smoker Hydrothermal Vents. <i>PLoS ONE</i> , 2006, 1, e133.	2.5	29

#	ARTICLE	IF	CITATIONS
19	Modeling the effects of tidal loading on mid-ocean ridge hydrothermal systems. <i>Geochemistry, Geophysics, Geosystems</i> , 2005, 6, n/a-n/a.	2.5	51