

Submeter bathymetric mapping of volcanic and hydrothermal
Rise crest at 9°50'N

Geochemistry, Geophysics, Geosystems

8, n/a-n/a

DOI: 10.1029/2006gc001333

Citation Report

#	ARTICLE	IF	CITATIONS
1	A new view of ridge segmentation and near-axis volcanism at the East Pacific Rise, 8°-12°N, from EM300 multibeam bathymetry. <i>Geochemistry, Geophysics, Geosystems</i> , 2006, 7, n/a-n/a.	1.0	49
2	DIFFUSION-BASED TRAJECTORY OBSERVERS WITH VARIANCE CONSTRAINTS. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2007, 40, 157-162.	0.4	1
3	Interplay between faults and lava flows in construction of the upper oceanic crust: The East Pacific Rise crest 9°25'-9°58'N. <i>Geochemistry, Geophysics, Geosystems</i> , 2007, 8, n/a-n/a.	1.0	54
4	High-resolution mapping of large gas emitting mud volcanoes on the Egyptian continental margin (Nile Deep Sea Fan) by AUV surveys. <i>Marine Geophysical Researches</i> , 2008, 29, 275-290.	0.5	53
5	Variable morphologic expression of volcanic, tectonic, and hydrothermal processes at six hydrothermal vent fields in the Lau back-arc basin. <i>Geochemistry, Geophysics, Geosystems</i> , 2008, 9, .	1.0	52
6	Methane, manganese, and helium in hydrothermal plumes following volcanic eruptions on the East Pacific Rise near 9°50'N. <i>Geochemistry, Geophysics, Geosystems</i> , 2008, 9, .	1.0	8
7	Sonar-based iceberg-relative AUV navigation. , 2008, , .		16
8	Supply of gastropod larvae to hydrothermal vents reflects transport from local larval sources. <i>Limnology and Oceanography</i> , 2008, 53, 1945-1955.	1.6	34
9	Toward high-spatial resolution gravity surveying of the mid-ocean ridges with autonomous underwater vehicles. , 2008, , .		8
10	Navigational infrastructure at the East Pacific Rise 9°50'N area following the 2005-2006 eruption: Seafloor benchmarks and near-bottom multibeam surveys. <i>Geochemistry, Geophysics, Geosystems</i> , 2008, 9, .	1.0	7
11	A record of eruption and intrusion at a fast spreading ridge axis: Axial summit trough of the East Pacific Rise at 9°-10°N. <i>Geochemistry, Geophysics, Geosystems</i> , 2009, 10, .	1.0	44
12	Comparison of a sediment trap and plankton pump for time-series sampling of larvae near deep-sea hydrothermal vents. <i>Limnology and Oceanography: Methods</i> , 2009, 7, 235-248.	1.0	26
13	Autonomous Underwater Vehicles as Tools for Deep-Submergence Archaeology. <i>Proceedings of the Institution of Mechanical Engineers Part M: Journal of Engineering for the Maritime Environment</i> , 2010, 224, 327-340.	0.3	20
14	Lava deposition history in ODP Hole 1256D: Insights from log-based volcanostratigraphy. <i>Geochemistry, Geophysics, Geosystems</i> , 2010, 11, .	1.0	23
15	Estimation of iceberg motion for mapping by AUVs. , 2010, , .		5
16	Magmatic origin of hydrothermal response to earthquake swarms: Constraints from heat flow and geochemical data. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	12
17	Seismogenic structure and processes associated with magma inflation and hydrothermal circulation beneath the East Pacific Rise at 9°50'N. <i>Geochemistry, Geophysics, Geosystems</i> , 2011, 12, n/a-n/a.	1.0	21
18	Sonar-based iceberg-relative navigation for autonomous underwater vehicles. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2011, 58, 1301-1310.	0.6	29

#	ARTICLE	IF	CITATIONS
19	American (U.S.) activities in marine mineral deposits. , 2011, , .		1
20	Neuro-fuzzy Classification of Submarine Lava Flow Morphology. Photogrammetric Engineering and Remote Sensing, 2012, 78, 605-616.	0.3	6
21	Sulfur, sulfides, oxides and organic matter aggregated in submarine hydrothermal plumes at 9°50'N East Pacific Rise. Geochimica Et Cosmochimica Acta, 2012, 88, 216-236.	1.6	84
22	Geomorphological variations at hydrothermal sites in the southern Mariana Trough: Relationship between hydrothermal activity and topographic characteristics. Marine Geology, 2012, 303-306, 172-182.	0.9	31
23	Characteristics of magma-driven hydrothermal systems at oceanic spreading centers. Geochemistry, Geophysics, Geosystems, 2013, 14, 1756-1770.	1.0	47
24	The 1998 eruption of Axial Seamount: New insights on submarine lava flow emplacement from high-resolution mapping. Geochemistry, Geophysics, Geosystems, 2013, 14, 3939-3968.	1.0	62
25	The dynamics of two-phase hydrothermal systems at a seafloor pressure of 25%MPa. Journal of Geophysical Research: Solid Earth, 2013, 118, 2635-2647.	1.4	12
26	Hydrothermal Activity. , 2014, , .		10
27	Autonomous Underwater Vehicles (AUVs): Their past, present and future contributions to the advancement of marine geoscience. Marine Geology, 2014, 352, 451-468.	0.9	669
28	Hydrothermal sulfide accumulation along the Endeavour Segment, Juan de Fuca Ridge. Earth and Planetary Science Letters, 2014, 395, 136-148.	1.8	64
29	Along-axis hydrothermal flow at the axis of slow spreading Mid-Ocean Ridges: Insights from numerical models of the Lucky Strike vent field (MAR). Geochemistry, Geophysics, Geosystems, 2014, 15, 2918-2931.	1.0	15
30	Mapping of Translating, Rotating Icebergs With an Autonomous Underwater Vehicle. IEEE Journal of Oceanic Engineering, 2015, 40, 196-208.	2.1	23
31	Effect of communication delays on the successful coordination of a group of biomimetic AUVs. , 2017, , .		0
32	Geology of the Alarcon Rise, Southern Gulf of California. Geochemistry, Geophysics, Geosystems, 2018, 19, 807-837.	1.0	29
33	Detailed Analysis of Near Tectonic Features Along the East Pacific Rise at 16°N, Near the Mathematician Hot Spot. Journal of Geophysical Research: Solid Earth, 2018, 123, 4478-4499.	1.4	7
34	An investigation of mid-ocean ridge degassing using He, CO ₂ , and ¹³ C variations during the 2005-06 eruption at 9°50'N on the East Pacific Rise. Earth and Planetary Science Letters, 2018, 504, 84-93.	1.8	11
35	Molten Sulfur Lakes of Intraoceanic Arc Volcanoes. Advances in Volcanology, 2015, , 261-288.	0.7	21
36	Extent and Volume of Lava Flows Erupted at 9°50'N, East Pacific Rise in 2005-2006 From Autonomous Underwater Vehicle Surveys. Geochemistry, Geophysics, Geosystems, 2022, 23, .	1.0	9

#	ARTICLE	IF	CITATIONS
37	Multiple AUVs for Ocean Phenomena Monitoring: A Review. , 2022, , .		0
38	3D self-potential tomography of seafloor massive sulfide deposits using an autonomous underwater vehicle. <i>Geophysics</i> , 2022, 87, B255-B267.	1.4	8
39	Depth-based pseudo-terrain-following navigation for cruising AUVs. <i>Control Engineering Practice</i> , 2023, 131, 105379.	3.2	3
40	Microbathymetry inferences from two AUV dives over a short segment of the Central Indian Ridge between 10°18'N and 10°57'N, Indian Ocean. <i>Geo-Marine Letters</i> , 2023, 43, .	0.5	0