

Global Multi-Resolution Topography synthesis

Geochemistry, Geophysics, Geosystems
10,

DOI: [10.1029/2008gc002332](https://doi.org/10.1029/2008gc002332)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Distribution of dissolved iron in Antarctic sea ice: Spatial, seasonal, and interannual variability. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	94
2	Seismic interpretation of pelagic sedimentation regimes in the 18–53 Ma eastern equatorial Pacific: Basin-scale sedimentation and infilling of abyssal valleys. <i>Geochemistry, Geophysics, Geosystems</i> , 2011, 12, .	1.0	24
3	Nonchondritic ¹⁴² Nd in suboceanic mantle peridotites. <i>Geochemistry, Geophysics, Geosystems</i> , 2011, 12, .	1.0	23
4	Enriched basalts at segment centers: The Lucky Strike (37°17'N) and Menez Gwen (37°50'N) segments of the Mid-Atlantic Ridge. <i>Geochemistry, Geophysics, Geosystems</i> , 2011, 12, n/a-n/a.	1.0	44
5	Distributed deformation ahead of the Cocos-Nazca Rift at the Galapagos triple junction. <i>Geochemistry, Geophysics, Geosystems</i> , 2011, 12, n/a-n/a.	1.0	16
6	A Holocene paleosecular variation record from the northwestern Barents Sea continental margin. <i>Geochemistry, Geophysics, Geosystems</i> , 2011, 12, n/a-n/a.	1.0	17
7	Melt extraction pathways at segmented oceanic ridges: Application to the East Pacific Rise at the Siqueiros transform. <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a.	1.5	27
8	The tectonic fabric of the ocean basins. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	123
9	When do marginal seas and topographic sills modify the ocean density structure?. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	10
10	Weak coupling between sulfate reduction and the anaerobic oxidation of methane in methane-rich seafloor sediments during ex situ incubation. <i>Geochimica Et Cosmochimica Acta</i> , 2011, 75, 500-519.	1.6	81
11	Past dynamics of the East Asian monsoon: No inverse behaviour between the summer and winter monsoon during the Holocene. <i>Global and Planetary Change</i> , 2011, 78, 170-177.	1.6	108
12	On- and off-axis chemical heterogeneities along the South Atlantic Mid-Ocean-Ridge (5–11°S): Shallow or deep recycling of ocean crust and/or intraplate volcanism?. <i>Earth and Planetary Science Letters</i> , 2011, 306, 86-97.	1.8	80
13	The Arc–Continent Collision in Taiwan. <i>Frontiers in Earth Sciences</i> , 2011, , 213-245.	0.1	51
14	International study of larval dispersal and population connectivity at hydrothermal vents in the U.S. Marianas Trench Marine National Monument. , 2011, , .		2
15	Sensitivity of Depth-Integrated Satellite Lidar to Subaqueous Scattering. <i>Remote Sensing</i> , 2011, 3, 1492-1515.	1.8	12
16	East Antarctic retreat. <i>Nature Geoscience</i> , 2011, 4, 135-136.	5.4	5
17	Arc segmentation and seismicity in the Solomon Islands arc, SW Pacific. <i>Tectonophysics</i> , 2011, 507, 47-69.	0.9	17
18	Behavior of dissolved redox sensitive elements (U, Mo and Re) in the water column of the Bay of Bengal. <i>Marine Chemistry</i> , 2011, 126, 76-88.	0.9	25

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19	The spatial and temporal distribution of marine geophysical surveys. <i>Acta Geophysica</i> , 2011, 59, 55-71.	1.0	23
20	Microbial Ecology of the Dark Ocean above, at, and below the Seafloor. <i>Microbiology and Molecular Biology Reviews</i> , 2011, 75, 361-422.	2.9	588
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22	Distribution of dissolved and particulate metals in Antarctic sea ice. <i>Marine Chemistry</i> , 2011, 124, 134-146.	0.9	68
23	BSR versus Climate Change and Slides. <i>Journal of Geological Research</i> , 2011, 2011, 1-6.	0.7	6
24	The natural range of submarine canyon-and-channel longitudinal profiles. , 2011, 7, 313-332.		69
25	Melting and Crustal Processes at the FAMOUS Segment (Mid-Atlantic Ridge): New Insights from Olivine-hosted Melt Inclusions from Multiple Samples. <i>Journal of Petrology</i> , 2012, 53, 665-698.	1.1	61
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28	Deep-Water Channel Run-Out Length: Insights from Seafloor Geomorphology. <i>Journal of Sedimentary Research</i> , 2012, 82, 21-36.	0.8	32
29	Aspects of marine geoscience: a review and thoughts on potential for observing active processes and progress through collaboration between the ocean sciences. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2012, 370, 5567-5612.	1.6	7
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31	Records of bottlenose dolphins, <i>Tursiops</i> spp., in New Caledonian waters. <i>Marine Biodiversity Records</i> , 2012, 5, .	1.2	2
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34	Cone morphologies associated with shallow marine eruptions: east Pico Island, Azores. <i>Bulletin of Volcanology</i> , 2012, 74, 2289-2301.	1.1	29
35	Numerical modeling of tsunami waves generated by the flank collapse of the Cumbre Vieja Volcano (La Tj ETQq0 0 0 rgBT /Overlock 10 117, .	3.3	145
36	Genetics and taxonomy of Chilean smooth-shelled mussels, <i>Mytilus</i> spp. (Bivalvia: Mytilidae). <i>Comptes Rendus - Biologies</i> , 2012, 335, 51-61.	0.1	46

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37	Sources and input mechanisms of hafnium and neodymium in surface waters of the Atlantic sector of the Southern Ocean. <i>Geochimica Et Cosmochimica Acta</i> , 2012, 94, 22-37.	1.6	45
38	Spatial distribution of dissolved neodymium and $\hat{\mu}\text{Nd}$ in the Bay of Bengal: Role of particulate matter and mixing of water masses. <i>Geochimica Et Cosmochimica Acta</i> , 2012, 94, 38-56.	1.6	94
39	Depths of Modern Coastal Sand Clinoforms. <i>Journal of Sedimentary Research</i> , 2012, 82, 469-481.	0.8	43
40	Natural iron fertilization of the Atlantic sector of the Southern Ocean by continental shelf sources of the Antarctic Peninsula. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	99
41	Uncertainty estimation for databased bathymetry using a Bayesian network approach. <i>Geochemistry, Geophysics, Geosystems</i> , 2012, 13, .	1.0	5
42	Effects of variable magma supply on mid-ocean ridge eruptions: Constraints from mapped lava flow fields along the Galápagos Spreading Center. <i>Geochemistry, Geophysics, Geosystems</i> , 2012, 13, .	1.0	42
43	Effusive and explosive volcanism on the ultraslow-spreading Gakkel Ridge, 85°E. <i>Geochemistry, Geophysics, Geosystems</i> , 2012, 13, .	1.0	18
44	Tracing mantle sources and Samoan influence in the northwestern Lau back-arc basin. <i>Geochemistry, Geophysics, Geosystems</i> , 2012, 13, .	1.0	44
45	Heat flow in the Lesser Antilles island arc and adjacent back arc Grenada basin. <i>Geochemistry, Geophysics, Geosystems</i> , 2012, 13, .	1.0	80
46	The Ionian Sea: The oldest in situ ocean fragment of the world?. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	89
47	Population genetic structure of blue-spotted maskray <i>Neotrygon kuhlii</i> and two other Indo-West Pacific stingray species (Myliobatiformes: Dasyatidae), inferred from size-polymorphic intron markers. <i>Journal of Experimental Marine Biology and Ecology</i> , 2012, 438, 32-40.	0.7	21
48	A modified basal outlining algorithm for identifying topographic highs from gridded elevation data, Part 1: Motivation and methods. <i>Computers and Geosciences</i> , 2012, 49, 308-314.	2.0	24
49	Methane-Derived Authigenic Carbonates (MDAC) in northern-central Adriatic Sea: Relationships between reservoir and methane seepages. <i>Marine Geology</i> , 2012, 332-334, 174-188.	0.9	25
50	Upper Mantle Pollution during Afar Plume-Continental Rift Interaction. <i>Journal of Petrology</i> , 2012, 53, 365-389.	1.1	88
51	Microbial communities at the borehole observatory on the Costa Rica Rift flank (Ocean Drilling) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 18	1.5	20
52	Chemistry, Temperature, and Faunal Distributions at Diffuse-Flow Hydrothermal Vents: Comparison of Two Geologically Distinct Ridge Systems. <i>Oceanography</i> , 2012, 25, 234-245.	0.5	28
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54	Técnicas histórico-etnográficas en la reconstrucción y caracterización de tsunamis: el ejemplo del gran tsunami del 22 de junio de 1932, en las costas del Pacífico mexicano. <i>Revista De Geografía Norte Grande</i> , 2012, , 107-122.	0.1	1

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56	Discussion: a critique of Possible waterways between the Marmara Sea and the Black Sea in the late Quaternary: evidence from ostracod and foraminifer assemblages in lakes Åžnik and Sapanca, Turkey, <i>Geo-Marine Letters</i> , 2011. <i>Geo-Marine Letters</i> , 2012, 32, 267-274.	0.5	13
57	An intercontinental correlation of the mid-Neoproterozoic Eastern Indian tectonic zone: evidence from the gneissic clasts in Elan Bank conglomerate, Kerguelen Plateau. <i>Contributions To Mineralogy and Petrology</i> , 2012, 163, 789-806.	1.2	18
58	Earthquakes along Eltanin transform system, SE Pacific Ocean: fault segments characterized by strong and poor seismic coupling and implications for long-term earthquake prediction. <i>Geophysical Journal International</i> , 2012, 188, 421-434.	1.0	37
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60	Teleseismic earthquake swarms at ultraslow spreading ridges: indicator for dyke intrusions?. <i>Geophysical Journal International</i> , 2012, 190, 442-456.	1.0	25
61	Axial morphology along the Southern Chile Rise. <i>Marine Geology</i> , 2012, 315-318, 58-63.	0.9	6
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64	Rapid pulses of uplift, subsidence, and subduction erosion offshore Central America: Implications for building the rock record of convergent margins. <i>Geology</i> , 2013, 41, 995-998.	2.0	76
65	Geochemical heterogeneities within the Crozet hotspot. <i>Earth and Planetary Science Letters</i> , 2013, 376, 126-136.	1.8	37
66	Using altimetry and seafloor pressure data to estimate vertical deformation offshore: Vanuatu case study. <i>Advances in Space Research</i> , 2013, 51, 1335-1351.	1.2	7
67	Airborne thermal remote sensing of the VolcÃ¡n de Colima (Mexico) lava dome from 2007 to 2010. <i>Geological Society Special Publication</i> , 2013, 380, 203-228.	0.8	31
68	Pre-existing oblique transfer zones and transfer/transform relationships in continental margins: New insights from the southeastern Gulf of Aden, Socotra Island, Yemen. <i>Tectonophysics</i> , 2013, 607, 32-50.	0.9	65
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75	Paleovalley systems: Insights from Quaternary analogs and experiments. <i>Earth-Science Reviews</i> , 2013, 116, 128-169.	4.0	363
76	Mitochondrial Haplotypes Indicate Parapatric-like Phylogeographic Structure in Blue-Spotted Maskray (<i>Neotrygon kuhlii</i>) from the Coral Triangle Region. <i>Journal of Heredity</i> , 2013, 104, 725-733.	1.0	20
77	Earthquake clustering in the tectonic pattern and volcanism of the Andaman Sea region. <i>Tectonophysics</i> , 2013, 608, 728-736.	0.9	13
78	Paleomagnetic constraints on the Cenozoic kinematic evolution of the Pamir plateau from the Western Kunlun Shan foreland. <i>Tectonophysics</i> , 2013, 603, 257-271.	0.9	12
79	Using helium and other noble gases in ocean sediments to characterize active methane seepage off the coast of New Zealand. <i>Marine Geology</i> , 2013, 344, 34-40.	0.9	10
80	The geology of the southern Mariana fore-arc crust: Implications for the scale of Eocene volcanism in the western Pacific. <i>Earth and Planetary Science Letters</i> , 2013, 380, 41-51.	1.8	116
81	Reconstruction of paleostorms and paleoenvironment using geochemical proxies archived in the sediments of two coastal lakes in northwest Florida. <i>Quaternary Science Reviews</i> , 2013, 68, 142-153.	1.4	45
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112	Major Scientific Achievements of the Integrated Ocean Drilling Program. <i>Developments in Marine Geology</i> , 2014, 7, 1-36.	0.4	1
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117	The role of thrust faulting in the formation of the eastern Alaska Range: Thermochronological constraints from the Susitna Glacier Thrust Fault region of the intracontinental strike-slip Denali Fault system. <i>Tectonics</i> , 2014, 33, 2195-2217.	1.3	36
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122	Life in the Ocean Crust. <i>Developments in Marine Geology</i> , 2014, 7, 175-196.	0.4	8
123	Towards navigation of underwater gliders in seasonal sea ice. , 2014, , .		1
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131	Taxonomic Boundaries and Craniometric Variation in the Treeshrews (Scandentia, Tupaiidae) from the Palawan Faunal Region. <i>Journal of Mammalian Evolution</i> , 2014, 21, 111-123.	1.0	18
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136	Rock uplift and exhumation of continental margins by the collision, accretion, and subduction of buoyant and topographically prominent oceanic crust. <i>Tectonics</i> , 2014, 33, 635-655.	1.3	37
137	The Global Systematics of Ocean Ridge Basalts and their Origin. <i>Journal of Petrology</i> , 2014, 55, 1051-1082.	1.1	104
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142	The stages of the development of the basin of the Bransfield Strait. <i>Oceanology</i> , 2014, 54, 365-373.	0.3	7
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144	Mapping pressurized volcanic fluids from induced crustal seismic velocity drops. <i>Science</i> , 2014, 345, 80-82.	6.0	234
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