

Vicki Ferrini

List of Publications by Year in descending order

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28
papers

3,071
citations

567281

15
h-index

552781

26
g-index

36
all docs

36
docs citations

36
times ranked

5030
citing authors

#	ARTICLE	IF	CITATIONS
1	Assembling the Bathymetric Puzzle to Create a Global Ocean Map. Marine Technology Society Journal, 2020, 54, 13-17.	0.4	2
2	A global geographic grid system for visualizing bathymetry. Geoscientific Instrumentation, Methods and Data Systems, 2020, 9, 375-384.	1.6	1
3	Applying single-image super-resolution for the enhancement of deep-water bathymetry. Heliyon, 2019, 5, e02570.	3.2	4
4	Open access to research artifacts: Implementing the next generation data management plan. Proceedings of the Association for Information Science and Technology, 2019, 56, 481-485.	0.6	2
5	Seafloor Mapping – The Challenge of a Truly Global Ocean Bathymetry. Frontiers in Marine Science, 2019, 6, .	2.5	140
6	Monitoring and Modeling the Rapid Evolution of Earth's Newest Volcanic Island: <i>Hunga Tonga Hunga Ha'apai</i> (Tonga) Using High Spatial Resolution Satellite Observations. Geophysical Research Letters, 2018, 45, 3445-3452.	4.0	43
7	The Nippon Foundation's GEBCO Seabed 2030 Project: The Quest to See the World's Oceans Completely Mapped by 2030. Geosciences (Switzerland), 2018, 8, 63.	2.2	252
8	A decade of volcanic construction and destruction at the summit of NW Rota's seamount: 2004-2014. Journal of Geophysical Research: Solid Earth, 2017, 122, 1558-1584.	3.4	23
9	A variable resolution right TIN approach for gridded oceanographic data. Computers and Geosciences, 2017, 109, 59-66.	4.2	5
10	Characterization of the in situ magnetic architecture of oceanic crust (Hess Deep) using near-source vector magnetic data. Journal of Geophysical Research: Solid Earth, 2016, 121, 4130-4146.	3.4	10
11	How many vent fields? New estimates of vent field populations on ocean ridges from precise mapping of hydrothermal discharge locations. Earth and Planetary Science Letters, 2016, 449, 186-196.	4.4	92
12	The Pink and White Terraces of Lake Rotomahana: what was their fate after the 1886 Tarawera Rift eruption?. Journal of Volcanology and Geothermal Research, 2016, 314, 126-141.	2.1	18
13	A new digital bathymetric model of the world's oceans. Earth and Space Science, 2015, 2, 331-345.	2.6	651
14	Rescue of long-tail data from the ocean bottom to the Moon: IEDA Data Rescue Mini-Awards. GeoResJ, 2015, 6, 108-114.	1.4	6
15	Imaging of CO ₂ bubble plumes above an erupting submarine volcano, NW Rota, Mariana Arc. Geochemistry, Geophysics, Geosystems, 2014, 15, 4325-4342.	2.5	25
16	Evidence of mass failure in the Hess Deep Rift from multi-resolutional bathymetry data. Marine Geology, 2013, 339, 13-21.	2.1	15
17	The East Pacific Rise Between 9°N and 10°N: Twenty-Five Years of Integrated, Multidisciplinary Oceanic Spreading Center Studies. Oceanography, 2012, 25, 18-43.	1.0	72
18	Global Multi-Resolution Topography synthesis. Geochemistry, Geophysics, Geosystems, 2009, 10, .	2.5	1,428

#	ARTICLE	IF	CITATIONS
19	The 2005 Chios Ancient Shipwreck Survey: New Methods for Underwater Archaeology. <i>Hesperia</i> , 2009, 78, 269-305.	0.2	42
20	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, .	2.5	52
21	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, .	2.5	7
22	Submeter bathymetric mapping of volcanic and hydrothermal features on the East Pacific Rise crest at 9°50'N. <i>Geochemistry, Geophysics, Geosystems</i> , 2007, 8, n/a-n/a.	2.5	40
23	The effects of fine-scale surface roughness and grain size on 300 kHz multibeam backscatter intensity in sandy marine sedimentary environments. <i>Marine Geology</i> , 2006, 228, 153-172.	2.1	79
24	Computer-Assisted Analysis of Near-Bottom Photos for Benthic Habitat Studies. , 2006, , .		2
25	Benthic Habitat Mapping in the Hudson River Estuary. , 2006, , 51-64.		5
26	A comparison of Rippled Scour Depressions identified with multibeam sonar: Evidence of sediment transport in inner shelf environments. <i>Continental Shelf Research</i> , 2005, 25, 1979-1995.	1.8	40
27	Integrative acoustic mapping reveals Hudson River sediment processes and habitats. <i>Eos</i> , 2005, 86, 225.	0.1	5
28	Sedimentary Characteristics and Acoustic Detectability of Ship-derived Deposits in Western Lake Ontario. <i>Journal of Great Lakes Research</i> , 2001, 27, 210-219.	1.9	6