

# Laura Beranzoli

## List of Publications by Year in descending order

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Version: 2024-02-01

38  
papers

737  
citations

516710

16  
h-index

552781

26  
g-index

39  
all docs

39  
docs citations

39  
times ranked

992  
citing authors

#	ARTICLE	IF	CITATIONS
1	Societal need for improved understanding of climate change, anthropogenic impacts, and geo-hazard warning drive development of ocean observatories in European Seas. <i>Progress in Oceanography</i> , 2011, 91, 1-33.	3.2	91
2	The Gutenberg-Richter Law and Entropy of Earthquakes: Two Case Studies in Central Italy. <i>Bulletin of the Seismological Society of America</i> , 2011, 101, 1386-1395.	2.3	85
3	EMSO: European multidisciplinary seafloor observatory. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2009, 602, 21-27.	1.6	45
4	NEMO-SN1 Abyssal Cabled Observatory in the Western Ionian Sea. <i>IEEE Journal of Oceanic Engineering</i> , 2013, 38, 358-374.	3.8	45
5	Annual Acoustic Presence of Fin Whale ( <i>Balaenoptera physalus</i> ) Offshore Eastern Sicily, Central Mediterranean Sea. <i>PLoS ONE</i> , 2015, 10, e0141838.	2.5	42
6	GEOSTAR: a GEophysical and Oceanographic STation for Abyssal Research. <i>Physics of the Earth and Planetary Interiors</i> , 1998, 108, 175-183.	1.9	30
7	Continuous monitoring of noise levels in the Gulf of Catania (Ionian Sea). Study of correlation with ship traffic. <i>Marine Pollution Bulletin</i> , 2017, 121, 97-103.	5.0	29
8	Underwater geophysical monitoring for European Multidisciplinary Seafloor and water column Observatories. <i>Journal of Marine Systems</i> , 2014, 130, 12-30.	2.1	28
9	Measurement of Seafloor Deformation in the Marine Sector of the Campi Flegrei Caldera (Italy). <i>Journal of Geophysical Research: Solid Earth</i> , 2018, 123, 66-83.	3.4	25
10	EMSO: A Distributed Infrastructure for Addressing Geohazards and Global Ocean Change. <i>Oceanography</i> , 2014, 27, 167-169.	1.0	22
11	Toward a Comprehensive and Integrated Strategy of the European Marine Research Infrastructures for Ocean Observations. <i>Frontiers in Marine Science</i> , 2020, 7, .	2.5	21
12	Mission results from the first GEOSTAR observatory (Adriatic Sea, 1998). <i>Earth, Planets and Space</i> , 2003, 55, 361-373.	2.5	20
13	A New Multidisciplinary Marine Monitoring System for the Surveillance of Volcanic and Seismic Areas. <i>Seismological Research Letters</i> , 2009, 80, 203-213.	1.9	19
14	Back arcs basins and P-wave crustal velocity in the Ionian and Aegean regions. <i>Geophysical Research Letters</i> , 1997, 24, 527-530.	4.0	17
15	High quality seismological recordings from the SN-1 deep seafloor observatory in the Mt. Etna region. <i>Geophysical Research Letters</i> , 2005, 32, n/a-n/a.	4.0	17
16	NEMO-SN-1 the first "real-time" seafloor observatory of ESONET. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2006, 567, 462-467.	1.6	17
17	Waveform modelling of the May 20, 1990 Sudan earthquake. <i>Tectonophysics</i> , 1992, 209, 105-114.	2.2	16
18	NEMO-SN1 observatory developments in view of the European Research Infrastructures EMSO and KM3NET. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2011, 626-627, S53-S56.	1.6	15

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19	European seafloor observatory offers new possibilities for deep-sea study. <i>Eos</i> , 2000, 81, 45-49.	0.1	13
20	New observations of local seismicity by the SN-1 seafloor observatory in the Ionian Sea, off-shore Eastern Sicily (Italy). <i>Geophysical Journal International</i> , 2007, 169, 490-501.	2.4	11
21	Four Years of Continuous Seafloor Displacement Measurements in the Campi Flegrei Caldera. <i>Frontiers in Earth Science</i> , 2020, 8, .	1.8	11
22	The Importance of Marine Research Infrastructures in Capturing Processes and Impacts of Extreme Events. <i>Frontiers in Marine Science</i> , 2021, 8, .	2.5	10
23	The EMSO-ERIC Pan-European Consortium: Data Benefits and Lessons Learned as the Legal Entity Forms. <i>Marine Technology Society Journal</i> , 2016, 50, 8-15.	0.4	10
24	A new method to assess long-term seafloor bottom vertical displacement in shallow water using a bottom pressure sensor: Application to Campi Flegrei, Southern Italy. <i>Journal of Geophysical Research: Solid Earth</i> , 2016, 121, 7775-7789.	3.4	9
25	Seafloor Seismic Noise at Central Eastern Mediterranean Sites. <i>Seismological Research Letters</i> , 2014, 85, 1019-1033.	1.9	8
26	Observing Volcanoes from the Seafloor in the Central Mediterranean Area. <i>Remote Sensing</i> , 2016, 8, 298.	4.0	8
27	Long-term Seafloor Experiment with the CUMAS Module: Performance, Noise Analysis of Geophysical Signals, and Suggestions about the Design of a Permanent Network. <i>Seismological Research Letters</i> , 2010, 81, 916-927.	1.9	7
28	When the Hydrophone Works as an Accelerometer. <i>Seismological Research Letters</i> , 2021, 92, 365-377.	1.9	6
29	<i>P</i> -Phases Observed at the Ionian Seafloor: Seismic Source and Bathymetric Effects. <i>Seismological Research Letters</i> , 2021, 92, 481-493.	1.9	4
30	One Year of Seismicity Recorded Through Ocean Bottom Seismometers Illuminates Active Tectonic Structures in the Ionian Sea (Central Mediterranean). <i>Frontiers in Earth Science</i> , 2021, 9, .	1.8	4
31	Seismogram processing at mednet. <i>Computers and Geosciences</i> , 1993, 19, 167-174.	4.2	2
32	NEMO-SNI real-time cabled seafloor observatory (southern Italy): operation assessment after two years from the deployment and next perspectives. , 2007, , .		2
33	EMSO: European multidisciplinary seafloor observatory. , 2011, , .		2
34	NEMO-SN1 (Western Ionian Sea, off Eastern Sicily): Example of architecture of a cabled observatory. , 2011, , .		2
35	EMSO European research infrastructure: Towards an integrated strategy for the observation of the seafloor and the water column. , 2015, , .		1
36	A procedure to ensure a good quality of signals recorded by multidisciplinary seafloor observatories. , 2015, , .		1

#	ARTICLE	IF	CITATIONS
37	EMSO &#x2014; The European multidisciplinary seafloor and water-column observatory: Transition from planning to implementation. , 2014, , .		0
38	European multidisciplinary seafloor and water-column observatory (EMSO): Power and Internet to European waters. , 2014, , .		0