

Paolo Favali

List of Publications by Year in descending order

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Version: 2024-02-01

58
papers

1,418
citations

361413

20
h-index

361022

35
g-index

60
all docs

60
docs citations

60
times ranked

1933
citing authors

#	ARTICLE	IF	CITATIONS
1	The Marsili Seamount Offshore Geothermal Reservoir: A Big Challenge for an Energy Transition Model. <i>Energies</i> , 2022, 15, 1900.	3.1	0
2	The EMSO Generic Instrument Module (EGIM): Standardized and Interoperable Instrumentation for Ocean Observation. <i>Frontiers in Marine Science</i> , 2022, 9, .	2.5	8
3	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
4	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
5	New High-Tech Flexible Networks for the Monitoring of Deep-Sea Ecosystems. <i>Environmental Science & Technology</i> , 2019, 53, 6616-6631.	10.0	93
6	Volcanic Tremor of Mt. Etna (Italy) Recorded by NEMO-SN1 Seafloor Observatory: A New Perspective on Volcanic Eruptions Monitoring. <i>Geosciences (Switzerland)</i> , 2019, 9, 115.	2.2	3
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	Observing Volcanoes from the Seafloor in the Central Mediterranean Area. <i>Remote Sensing</i> , 2016, 8, 298.	4.0	8
9	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
10	EMSO European research infrastructure: Towards an integrated strategy for the observation of the seafloor and the water column. , 2015, , .		1
11	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
12	A procedure to ensure a good quality of signals recorded by multidisciplinary seafloor observatories. , 2015, , .		1
13	Coastal observatories for monitoring of fish behaviour and their responses to environmental changes. <i>Reviews in Fish Biology and Fisheries</i> , 2015, 25, 463-483.	4.9	59
14	Geohazards in the Western Ionian Sea: Insights from Non-Earthquake Signals Recorded by the NEMO-SN1 Seafloor Observatory. <i>Oceanography</i> , 2014, 27, 154-166.	1.0	14
15	EMSO: A Distributed Infrastructure for Addressing Geohazards and Global Ocean Change. <i>Oceanography</i> , 2014, 27, 167-169.	1.0	22
16	EMSO — The European multidisciplinary seafloor and water-column observatory: Transition from planning to implementation. , 2014, , .		0
17	The Marsili Volcanic Seamount (Southern Tyrrhenian Sea): A Potential Offshore Geothermal Resource. <i>Energies</i> , 2014, 7, 4068-4086.	3.1	19
18	European multidisciplinary seafloor and water-column observatory (EMSO): Power and Internet to European waters. , 2014, , .		0

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19	Underwater geophysical monitoring for European Multidisciplinary Seafloor and water column Observatories. <i>Journal of Marine Systems</i> , 2014, 130, 12-30.	2.1	28
20	Monitoring of gas and seismic energy release by multiparametric benthic observatory along the North Anatolian Fault in the Sea of Marmara (NW Turkey). <i>Geophysical Journal International</i> , 2014, 196, 850-866.	2.4	26
21	Detection potential of the KM3NeT detector for high-energy neutrinos from the Fermi bubbles. <i>Astroparticle Physics</i> , 2013, 42, 7-14.	4.3	28
22	NEMO-SN1 Abyssal Cabled Observatory in the Western Ionian Sea. <i>IEEE Journal of Oceanic Engineering</i> , 2013, 38, 358-374.	3.8	45
23	New insights from seismic tomography on the complex geodynamic evolution of two adjacent domains: Gulf of Cadiz and Alboran Sea. <i>Journal of Geophysical Research: Solid Earth</i> , 2013, 118, 1587-1601.	3.4	21
24	Expansion cone for the 3-inch PMTs of the KM3NeT optical modules. <i>Journal of Instrumentation</i> , 2013, 8, T03006-T03006.	1.2	15
25	The MARDEP project: The Sea of Marmara observatory infrastructure for multidisciplinary earthquake and environmental research and monitoring. , 2011, , .		0
26	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
27	EMSO: European multidisciplinary seafloor observatory. , 2011, , .		2
28	NEMO-SN1 (Western Ionian Sea, off Eastern Sicily): Example of architecture of a cabled observatory. , 2011, , .		2
29	Towards permanent, multi-disciplinary seafloor observatories in the Sea of Marmara: Results from the Marmara Demonstration Mission of ESONET/NoE. , 2011, , .		2
30	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
31	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
32	GEMS: Underwater spectrometer for long-term radioactivity measurements. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2011, 626-627, S145-S147.	1.6	195
33	Deep-sea survey for the detection of methane at the "Santa Maria di Leuca" cold-water coral mounds (Ionian Sea, South Italy). <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2010, 57, 431-440.	1.4	21
34	Seafloor Observatory Science. , 2010, , .		25
35	In Situ Sustained Eulerian Observatories. , 2010, , .		17
36	GEOSTAR deep seafloor missions: magnetic data analysis and 1D geoelectric structure underneath the Southern Tyrrhenian Sea. <i>Annals of Geophysics</i> , 2010, 52, .	1.0	2

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37	EMSO: European multidisciplinary seafloor observatory. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2009, 602, 21-27.	1.6	45
38	Low-frequency seismic signals recorded by OBS at Stromboli volcano (Southern Tyrrhenian Sea). Geophysical Research Letters, 2009, 36, .	4.0	6
39	Seismic Tomography Experiment at Italy's Stromboli Volcano. Eos, 2008, 89, 269-270.	0.1	11
40	NEMO-SNI real-time cabled seafloor observatory (southern Italy): operation assessment after two years from the deployment and next perspectives. , 2007, , .		2
41	A cabled monitoring module for gas seepage: the first experiment in a pockmark (Patras Gulf, Greece). , 2007, , .		1
42	Teleseismic tomography of the southern Tyrrhenian subduction zone: New results from seafloor and land recordings. Journal of Geophysical Research, 2007, 112, .	3.3	54
43	New observations of local seismicity by the SN-1 seafloor observatory in the Ionian Sea, off-shore Eastern Sicily (Italy). Geophysical Journal International, 2007, 169, 490-501.	2.4	11
44	Methane and hydrogen sulfide seepage in the northwest Peloponnesus petroliferous basin (Greece): Origin and geohazard. AAPG Bulletin, 2006, 90, 701-713.	1.5	52
45	NEMO-SN-1 the first "real-time" seafloor observatory of ESONET. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2006, 567, 462-467.	1.6	17
46	The geological links of the ancient Delphic Oracle (Greece): A reappraisal of natural gas occurrence and origin. Geology, 2006, 34, 821.	4.4	26
47	Monitoring of a methane-seeping pockmark by cabled benthic observatory (Patras Gulf, Greece). Geo-Marine Letters, 2006, 26, 297-302.	1.1	32
48	High quality seismological recordings from the SN-1 deep seafloor observatory in the Mt. Etna region. Geophysical Research Letters, 2005, 32, n/a-n/a.	4.0	17
49	Gas Hazard Induced by Methane and Hydrogen Sulfide Seepage in the NW Peloponnesus Petroliferous Basin (Greece). Terrestrial, Atmospheric and Oceanic Sciences, 2005, 16, 897.	0.6	11
50	Geologic Emissions of Methane from lands and seafloor: mud volcanoes and observing systems. Environmental Geology, 2004, 46, 987-987.	1.2	5
51	Mud volcanoes discovered offshore Sicily. Marine Geology, 2003, 199, 1-6.	2.1	46
52	Rock properties of the upper-crust in Central Apennines (Italy) derived from high-resolution 3-D tomography. Geophysical Research Letters, 2003, 30, .	4.0	14
53	Mission results from the first GEOSTAR observatory (Adriatic Sea, 1998). Earth, Planets and Space, 2003, 55, 361-373.	2.5	20
54	Stromboli: a natural laboratory of environmental science. Journal of Volcanology and Geothermal Research, 2002, 113, 429-442.	2.1	3

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55	In memory of giuseppe smriglio. <i>Developments in Marine Technology</i> , 2002, , v.	0.5	0
56	The role of constraints on joint hypocentre determination in seismotectonic studies. <i>Geophysical Journal International</i> , 2000, 143, 129-141.	2.4	0
57	Palaeomagnetic database: the effect of quality filtering for geodynamic studies. <i>Geological Society Special Publication</i> , 1996, 105, 225-237.	1.3	3
58	The Gargano promontory: An important Italian seismogenic-tsunamigenic area. <i>Marine Geology</i> , 1995, 122, 227-241.	2.1	40