

Virginia Sciacca

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

983
citations

687363

13
h-index

642732

23
g-index

26
all docs

26
docs citations

26
times ranked

1294
citing authors

#	ARTICLE	IF	CITATIONS
1	Letter of intent for KM3NeT 2.0. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2016, 43, 084001.	3.6	512
2	Sensitivity of the KM3NeT/ARCA neutrino telescope to point-like neutrino sources. <i>Astroparticle Physics</i> , 2019, 111, 100-110.	4.3	71
3	Size Distribution of Sperm Whales Acoustically Identified during Long Term Deep-Sea Monitoring in the Ionian Sea. <i>PLoS ONE</i> , 2015, 10, e0144503.	2.5	53
4	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
5	Long-Term Monitoring of Dolphin Biosonar Activity in Deep Pelagic Waters of the Mediterranean Sea. <i>Scientific Reports</i> , 2017, 7, 4321.	3.3	38
6	The prototype detection unit of the KM3NeT detector. <i>European Physical Journal C</i> , 2016, 76, 1.	3.9	32
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	Characterisation of the Hamamatsu photomultipliers for the KM3NeT Neutrino Telescope. <i>Journal of Instrumentation</i> , 2018, 13, P05035-P05035.	1.2	25
9	Intrinsic limits on resolutions in muon- and electron-neutrino charged-current events in the KM3NeT/ORCA detector. <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	4.7	22
10	Measurement of the atmospheric muon depth intensity relation with the NEMO Phase-2 tower. <i>Astroparticle Physics</i> , 2015, 66, 1-7.	4.3	21
11	Dependence of atmospheric muon flux on seawater depth measured with the first KM3NeT detection units. <i>European Physical Journal C</i> , 2020, 80, 1.	3.9	20
12	KM3NeT front-end and readout electronics system: hardware, firmware, and software. <i>Journal of Astronomical Telescopes, Instruments, and Systems</i> , 2019, 5, 1.	1.8	18
13	Are semi-terrestrial crabs threatened by human noise? Assessment of behavioural and biochemical responses of <i>Neohelice granulata</i> (Brachyura, Varunidae) in tank. <i>Marine Pollution Bulletin</i> , 2018, 137, 24-34.	5.0	14
14	gSeaGen: The KM3NeT GENIE-based code for neutrino telescopes. <i>Computer Physics Communications</i> , 2020, 256, 107477.	7.5	14
15	Inertial bioluminescence rhythms at the Capo Passero (KM3NeT-Italia) site, Central Mediterranean Sea. <i>Scientific Reports</i> , 2017, 7, 44938.	3.3	12
16	Long term monitoring of the optical background in the Capo Passero deep-sea site with the NEMO tower prototype. <i>European Physical Journal C</i> , 2016, 76, 1.	3.9	11
17	A method to stabilise the performance of negatively fed KM3NeT photomultipliers. <i>Journal of Instrumentation</i> , 2016, 11, P12014-P12014.	1.2	8
18	The Control Unit of the KM3NeT Data Acquisition System. <i>Computer Physics Communications</i> , 2020, 256, 107433.	7.5	8

#	ARTICLE	IF	CITATIONS
19	Biological Sound vs. Anthropogenic Noise: Assessment of Behavioural Changes in <i>Scyliorhinus canicula</i> Exposed to Boats Noise. <i>Animals</i> , 2021, 11, 174.	2.3	8
20	Bottlenose Dolphin (<i>Tursiops truncatus</i>) Whistle Modulation during a Trawl Bycatch Event in the Adriatic Sea. <i>Animals</i> , 2021, 11, 3593.	2.3	7
21	Acoustic recordings of rough-toothed dolphin (<i>Steno bredanensis</i>) offshore Eastern Sicily (Mediterranean Sea). <i>Journal of the Acoustical Society of America</i> , 2019, 146, EL286-EL292.	1.1	6
22	Fin Whale (<i>Balaenoptera physalus</i>) in the Ligurian Sea: Preliminary Study on Acoustics Demonstrates Their Regular Occurrence in Autumn. <i>Journal of Marine Science and Engineering</i> , 2021, 9, 966.	2.6	6
23	Underwater acoustic positioning system for the SMO and KM3NeT - Italia projects. , 2014, , .		3
24	Shipping noise and seismic airgun surveys in the Ionian Sea: Potential impact on Mediterranean fin whale. <i>Proceedings of Meetings on Acoustics</i> , 2016, , .	0.3	3
25	Measurement of the atmospheric muon flux at 3500 m depth with the NEMO Phase-2 detector. <i>EPJ Web of Conferences</i> , 2016, 121, 05015.	0.3	0
26	Ship Noise. , 2020, , 225-249.		0