Domenico L Lo Presti

List of Publications by Year
in descending order

243 papers	8,855 citations	70961 41 h-index	45213 90 g-index
249 all docs	249 docs citations	249 times ranked	10481 citing authors

#	Article	IF	Citations
1	Testing effects of Lorentz invariance violation in the propagation of astroparticles with the Pierre Auger Observatory. Journal of Cosmology and Astroparticle Physics, 2022, 2022, 023.	1.9	5
2	Three years of muography at Mount Etna: results and perspectives. Journal of Instrumentation, 2022, 17, C02003.	0.5	0
3	Periodic sea-level oscillation in Tokyo Bay detected with the Tokyo-Bay seafloor hyper-kilometric submarine deep detector (TS-HKMSDD). Scientific Reports, 2022, 12, 6097.	1.6	9
4	Multiparametric approach to the assessment of muon tomographic results for the inspection of a full-scale container. European Physical Journal Plus, 2021, 136, 1.	1.2	2
5	Design, upgrade and characterization of the silicon photomultiplier front-end for the AMIGA detector at the Pierre Auger Observatory. Journal of Instrumentation, 2021, 16, P01026-P01026.	0.5	13
6	Calibration of the underground muon detector of the Pierre Auger Observatory. Journal of Instrumentation, 2021, 16, P04003.	0.5	5
7	Measurement of the Fluctuations in the Number of Muons in Extensive Air Showers with the Pierre Auger Observatory. Physical Review Letters, 2021, 126, 152002.	2.9	34
8	The FRAM robotic telescope for atmospheric monitoring at the Pierre Auger Observatory. Journal of Instrumentation, 2021, 16, P06027.	0.5	2
9	Deep-learning based reconstruction of the shower maximum X _{max} using the water-Cherenkov detectors of the Pierre Auger Observatory. Journal of Instrumentation, 2021, 16, P07019.	0.5	16
10	Extraction of the muon signals recorded with the surface detector of the Pierre Auger Observatory using recurrent neural networks. Journal of Instrumentation, 2021, 16, P07016.	0.5	11
11	Design and implementation of the AMIGA embedded system for data acquisition. Journal of Instrumentation, 2021, 16, T07008.	0.5	3
12	First results of undersea muography with the Tokyo-Bay Seafloor Hyper-Kilometric Submarine Deep Detector. Scientific Reports, 2021, 11, 19485.	1.6	8
13	The energy spectrum of cosmic rays beyond the turn-down around $$varvec{10^{17}}$$ÂeV as measured with the surface detector of the Pierre Auger Observatory. European Physical Journal C, 2021, 81, 1.	1.4	44
14	Muography as a new complementary tool in monitoring volcanic hazard: implications for early warning systems. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2021, 477, .	1.0	4
15	Improvements of data analysis and self-consistent monitoring methods for the MEV telescope. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2020, 958, 162052.	0.7	7
16	Measurement of the cosmic-ray energy spectrum above <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mn>2.5</mml:mn><mml:mo>Ã—</mml:mo><mml:msup><mml:mn>10</mml:mn><mml:mn>18</mml:mn></mml:msup></mml:mn></mml:mo></mml:mn></mml:math> using the Pierre Auger Observatory. Physical Review D, 2020, 102, .	1.6	98
17	A facility to validate photomultipliers for the upgrade of the Pierre Auger Observatory.. Journal of Instrumentation, 2020, 15, P07011-P07011.	0.5	3
18	Muographic monitoring of the volcano-tectonic evolution of Mount Etna. Scientific Reports, 2020, 10, 11351.	1.6	31

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19	Analysis of the background on cross section measurements with the MAGNEX spectrometer: The (20Ne, 20O) Double Charge Exchange case. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2020, 980, 164500.	0.7	24
20	Features of the Energy Spectrum of Cosmic Rays above <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mn>2.5</mml:mn><mml:mo>Ã—</mml:mo><mml:msup><mml:mn>10</mml:mn><mml:mn>18</mml:mn></mml:mn> Using the Pierre Auger Observatory. Physical Review Letters, 2020, 125, 121106.	2.9	79
21	Studies on the response of a water-Cherenkov detector of the Pierre Auger Observatory to atmospheric muons using an RPC hodoscope. Journal of Instrumentation, 2020, 15, P09002-P09002.	0.5	5
22	Neutron radiation effects on an electronic system on module. Review of Scientific Instruments, 2020, 91, 083301.	0.6	7
23	Reconstruction of events recorded with the surface detector of the Pierre Auger Observatory. Journal of Instrumentation, 2020, 15, P10021-P10021.	0.5	20
24	First comparison of GEANT4 hadrontherapy physics model with experimental data for a NUMEN project reaction case. European Physical Journal A, 2020, 56, 1.	1.0	10
25	Search for magnetically-induced signatures in the arrival directions of ultra-high-energy cosmic rays measured at the Pierre Auger Observatory. Journal of Cosmology and Astroparticle Physics, 2020, 2020, 017-017.	1.9	10
26	Investigation of the cosmic ray angular distribution and the Eastâ€“West effect near the top of Etna volcano with the MEV telescope. European Physical Journal Plus, 2020, 135, 1.	1.2	6
27	A 3â€¥ear Sample of Almost 1,600 Elves Recorded Above South America by the Pierre Auger Cosmicâ€Ray Observatory. Earth and Space Science, 2020, 7, e2019EA000582.	1.1	9
28	Proof-of-Principle of a Cherenkov-Tag Detector Prototype. Sensors, 2020, 20, 3437.	2.1	2
29	Cosmic-Ray Anisotropies in Right Ascension Measured by the Pierre Auger Observatory. Astrophysical Journal, 2020, 891, 142.	1.6	39
30	A Search for Ultra-high-energy Neutrinos from TXS 0506+056 Using the Pierre Auger Observatory. Astrophysical Journal, 2020, 902, 105.	1.6	13
31	Recent results on heavy-ion induced reactions of interest for neutrinoless double beta decay at INFN-LNS. Journal of Physics: Conference Series, 2020, 1643, 012074.	0.3	1
32	Background estimate in heavy-ion two-body reactions measured by the MAGNEX spectrometer. Journal of Physics: Conference Series, 2020, 1643, 012019.	0.3	0
33	Probing the origin of ultra-high-energy cosmic rays with neutrinos in the EeV energy range using the Pierre Auger Observatory. Journal of Cosmology and Astroparticle Physics, 2019, 2019, 022-022.	1.9	64
34	Recent results on Heavy-Ion induced reactions of interest for 0Î½2Î²2Î² decay. Journal of Physics: Conference Series, 2019, 1308, 012002.	0.3	0
35	Data-driven estimation of the invisible energy of cosmic ray showers with the Pierre Auger Observatory. Physical Review D, 2019, 100, .	1.6	20
36	Limits on point-like sources of ultra-high-energy neutrinos with the Pierre Auger Observatory. Journal of Cosmology and Astroparticle Physics, 2019, 2019, 004-004.	1.9	18

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37	The NUMEN project @ LNS: Status and perspectives. AIP Conference Proceedings, 2019, , .	0.3	1
38	Multi-Messenger Physics With the Pierre Auger Observatory. Frontiers in Astronomy and Space Sciences, 2019, 6, .	1.1	20
39	New experimental campaign of NUMEN project. AIP Conference Proceedings, 2019, , .	0.3	0
40	The NUMEN project @ LNS: Status and perspectives. AIP Conference Proceedings, 2019, , .	0.3	0
41	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mmultiscripts><mml:mi>Ne</mml:mi><mml:mprescripts /><mml:none /><mml:mn>20</mml:mn></mml:mmultiscripts><mml:mo>+</mml:mo><mml:mmultiscripts><mml:mi>Ge</mml:mi><mml:mprescripts /><mml:none /><mml:mn>76</mml:mn></mml:mmultiscripts></mml:mrow></mml:math> elastic and inelastic scattering at 306 MeV. Physical Review C, 2019, 100, .	1.1	36
42	Measurement of nearly horizontal cosmic muons at high altitudes with the MEV telescope. European Physical Journal Plus, 2019, 134, 1.	1.2	2
43	Charge-state distributions of 20Ne ions emerging from thin foils. Results in Physics, 2019, 13, 102191.	2.0	22
44	GIGJ: A Crustal Gravity Model of the Guangdong Province for Predicting the Geoneutrino Signal at the JUNO Experiment. Journal of Geophysical Research: Solid Earth, 2019, 124, 4231-4249.	1.4	16
45	Feasibility Study of a New Cherenkov Detector for Improving Volcano Muography. Sensors, 2019, 19, 1183.	2.1	8
46	Measurement of the average shape of longitudinal profiles of cosmic-ray air showers at the Pierre Auger Observatory. Journal of Cosmology and Astroparticle Physics, 2019, 2019, 018-018.	1.9	10
47	Recent results on heavy-ion induced reactions of interest for neutrinoless double beta decay at INFN-LNS. EPJ Web of Conferences, 2019, 223, 01009.	0.1	0
48	New results from the NUMEN project. , 2019, , .		0
49	An Indication of Anisotropy in Arrival Directions of Ultra-high-energy Cosmic Rays through Comparison to the Flux Pattern of Extragalactic Gamma-Ray Sources[*]. Astrophysical Journal Letters, 2018, 853, L29.	3.0	165
50	Charge reconstruction in large-area photomultipliers. Journal of Instrumentation, 2018, 13, P02008-P02008.	0.5	3
51	A laser-based system for a fast and accurate measurement of gain and linearity of photomultipliers. Journal of Instrumentation, 2018, 13, T01007-T01007.	0.5	1
52	Mini-phoswich and SiPM for heavy ion detection. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2018, 912, 128-131.	0.7	5
53	The Muon Portal Project: Commissioning of the full detector and first results. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2018, 912, 16-19.	0.7	11
54	The nuclear matrix elements of 0Î½Î²Î² decay and the NUMEN project at INFN-LNS. EPJ Web of Conferences, 2018, 194, 02001.	0.1	1

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55	Post-stripper study for the (²⁰Ne, ²⁰O) double charge exchange reaction at zero degrees with the MAGNEX spectrometer. Journal of Physics: Conference Series, 2018, 1056, 012052.	0.3	0
56	Experimental challenges for the measurement of the ¹¹⁶Cd(²⁰Ne,²⁰O)¹¹⁶Sn double charge exchange reaction at 15 AMeV. Journal of Physics: Conference Series, 2018, 1023, 012006.	0.3	0
57	Data reduction for experimental measurements within the NUMEN project. Journal of Physics: Conference Series, 2018, 1056, 012010.	0.3	0
58	Cosmic Ray Muons as Penetrating Probes to Explore the World around Us. , 2018, , .		3
59	The read-out and data transmission for the MAGNEX focal plane detector for the NUMEN project. Journal of Physics: Conference Series, 2018, 1056, 012006.	0.3	3
60	Focal plane detector optical readout. Journal of Physics: Conference Series, 2018, 1056, 012023.	0.3	0
61	Large-scale Cosmic-Ray Anisotropies above 4 EeV Measured by the Pierre Auger Observatory. Astrophysical Journal, 2018, 868, 4.	1.6	77
62	Measuring nuclear reaction cross sections to extract information on neutrinoless double beta decay. Journal of Physics: Conference Series, 2018, 966, 012021.	0.3	1
63	The Front-end for the new focal plane detector for the NUMEN project. Journal of Physics: Conference Series, 2018, 1056, 012007.	0.3	0
64	Experimental challenges in the measurement of double charge exchange reactions within the NUMEN project. Journal of Physics: Conference Series, 2018, 1078, 012008.	0.3	1
65	Observation of inclined EeV air showers with the radio detector of the Pierre Auger Observatory. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 026-026.	1.9	30
66	SiCILIAâ€"Silicon Carbide Detectors for Intense Luminosity Investigations and Applications. Sensors, 2018, 18, 2289.	2.1	51
67	Experimental issues for the measurement of the double charge exchange reactions within the NUMEN project. Journal of Physics: Conference Series, 2018, 1056, 012011.	0.3	0
68	Heavyâ€"ion particle identification for the transfer reaction channels for the system 18O + 116Sn under the NUMEN Project. Journal of Physics: Conference Series, 2018, 1056, 012015.	0.3	0
69	Challenges for high rate signal processing for the NUMEN experiment. Journal of Physics: Conference Series, 2018, 1056, 012034.	0.3	5
70	The NUMEN project: NUclear Matrix Elements for Neutrinoless double beta decay. European Physical Journal A, 2018, 54, 1.	1.0	146
71	The MEV project: Design and testing of a new high-resolution telescope for muography of Etna Volcano. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2018, 904, 195-201.	0.7	25
72	First Measurement of the ^{116}Cd(^{20}Ne,^{20}O)^{116}Sn Reaction at 15,A,MeV. Acta Physica Polonica B, 2018, 49, 275.	0.3	37

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73	Proton computed tomography images with algebraic reconstruction. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2017, 845, 652-655.	0.7	8
74	The Muon Portal Project: Design and construction of a scanning portal based on muon tomography. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2017, 845, 322-325.	0.7	9
75	Proton Computed Tomography: iterative image reconstruction and dose evaluation. Journal of Instrumentation, 2017, 12, C01034-C01034.	0.5	6
76	A binary readout chip for silicon microstrip detector in proton imaging application. Journal of Instrumentation, 2017, 12, C01030-C01030.	0.5	2
77	An Innovative Proton Tracking System for Qualification of Particle Beam in Real-Time. IEEE Transactions on Radiation and Plasma Medical Sciences, 2017, 1, 268-274.	2.7	3
78	Multi-messenger Observations of a Binary Neutron Star Merger[*]. Astrophysical Journal Letters, 2017, 848, L12.	3.0	2,805
79	Spectral calibration of the fluorescence telescopes of the Pierre Auger Observatory. Astroparticle Physics, 2017, 95, 44-56.	1.9	7
80	Observation of a large-scale anisotropy in the arrival directions of cosmic rays above 8 Ã— 10 ¹⁸ eV. Science, 2017, 357, 1266-1270.	6.0	261
81	Inertial bioluminescence rhythms at the Capo Passero (KM3NeT-Italia) site, Central Mediterranean Sea. Scientific Reports, 2017, 7, 44938.	1.6	12
82	Intrinsic limits on resolutions in muon- and electron-neutrino charged-current events in the KM3NeT/ORCA detector. Journal of High Energy Physics, 2017, 2017, 1.	1.6	22
83	Inferences on mass composition and tests of hadronic interactions from 0.3 to 100ÂEeV using the water-Cherenkov detectors of the Pierre Auger Observatory. Physical Review D, 2017, 96, .	1.6	82
84	Search for High-energy Neutrinos from Binary Neutron Star Merger GW170817 with ANTARES, IceCube, and the Pierre Auger Observatory. Astrophysical Journal Letters, 2017, 850, L35.	3.0	135
85	Design and characterization of a real time particle radiography system based on scintillating optical fibers. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2017, 845, 486-489.	0.7	1
86	The NUMEN project @ LNS: Status and perspectives. AIP Conference Proceedings, 2017, , .	0.3	1
87	Calibration of the logarithmic-periodic dipole antenna (LPDA) radio stations at the Pierre Auger Observatory using an octocopter. Journal of Instrumentation, 2017, 12, T10005-T10005.	0.5	21
88	NURE: An ERC project to study nuclear reactions for neutrinoless double beta decay. , 2017, , .		6
89	NUMEN project @ LNS: Status and perspectives. , 2017, , .		0
90	Measurement of the atmospheric muon flux at 3500 m depth with the NEMO Phase-2 detector. EPJ Web of Conferences, 2016, 121, 05015.	0.1	0

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91	NUMEN Project @ LNS : Heavy Ions Double Charge Exchange as a tool towards the 0Î½Î²Î²Nuclear Matrix Element. Journal of Physics: Conference Series, 2016, 724, 012001.	0.3	0
92	Proof-of-Principle results of proton computed tomography. , 2016, , .		2
93	A method to stabilise the performance of negatively fed KM3NeT photomultipliers. Journal of Instrumentation, 2016, 11, P12014-P12014.	0.5	8
94	The nuclear matrix elements of 0Î½Î²Î²decay and the NUMEN project at INFN-LNS. EPJ Web of Conferences, 2016, 117, 10003.	0.1	2
95	Letter of intent for KM3NeT 2.0. Journal of Physics G: Nuclear and Particle Physics, 2016, 43, 084001.	1.4	512
96	Silicon carbide detectors study for NUMEN project. EPJ Web of Conferences, 2016, 117, 10006.	0.1	27
97	QBeRT: an innovative instrument for qualification of particle beam in real-time. Journal of Instrumentation, 2016, 11, C11014-C11014.	0.5	6
98	Front-end electronics for the Muon Portal project. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 833, 169-180.	0.7	1
99	Design and characterisation of a real time proton and carbon ion radiography system based on scintillating optical fibres. Physica Medica, 2016, 32, 1124-1134.	0.4	14
100	The nuclear matrix elements of 0νÎ²Î² decay and the NUMEN project at INFN-LNS. Journal of Physics: Conference Series, 2016, 730, 012006.	0.3	1
101	Long term monitoring of the optical background in the Capo Passero deep-sea site with the NEMO tower prototype. European Physical Journal C, 2016, 76, 1.	1.4	11
102	NUMEN Project @ LNS : Heavy ions double charge exchange reactions towards the 0Î½Î²Î² nuclear matrix element determination. AIP Conference Proceedings, 2015, , .	0.3	1
103	Construction and characterization of the detection modules for the Muon Portal Project. , 2015, , .		0
104	Reproductive function in male patients with type 1 diabetes mellitus. Andrology, 2015, 3, 1082-1087.	1.9	63
105	A study on large area Hamamatsu photomultipliers for Cherenkov neutrino detectors. Journal of Instrumentation, 2015, 10, T11003-T11003.	0.5	2
106	The Muon Portal Double Tracker for the Inspection of Travelling Containers. IEEE Transactions on Nuclear Science, 2015, 62, 3148-3154.	1.2	2
107	Measurement of the atmospheric muon depth intensity relation with the NEMO Phase-2 tower. Astroparticle Physics, 2015, 66, 1-7.	1.9	21
108	Fabrication, characterization and testing of silicon photomultipliers for the Muon Portal Project. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2015, 787, 236-239.	0.7	18

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109	OFFSET3: A Real-Time Particle Tracker Based On Scintillating Optical Fibers. IEEE Transactions on Nuclear Science, 2015, 62, 1135-1141.	1.2	2
110	Design and characterisation of a YAG(Ce) calorimeter for proton Computed Tomography application. Journal of Instrumentation, 2015, 10, C03014-C03014.	0.5	7
111	Deep sea tests of a prototype of the KM3NeT digital optical module. European Physical Journal C, 2014, 74, 1.	1.4	46
112	Development of a Real-Time, Large Area, High Spatial Resolution Particle Tracker Based on Scintillating Fibers. Advances in High Energy Physics, 2014, 2014, 1-13.	0.5	2
113	A real-time, large area, high space resolution particle radiography system. Journal of Instrumentation, 2014, 9, C06012-C06012.	0.5	5
114	Underwater acoustic positioning system for the SMO and KM3NeT - Italia projects. , 2014, , .		3
115	Long-term optical background measurements in the Capo Passero deep-sea site. , 2014, , .		1
116	The trigger and data acquisition for the NEMO-Phase 2 tower. , 2014, , .		3
117	The muon portal double tracker to inspect travelling containers. , 2014, , .		1
118	Search for hidden high-Z materials inside containers with the Muon Portal Project. Journal of Instrumentation, 2014, 9, C01056-C01056.	0.5	24
119	A search for neutrino emission from the Fermi bubbles with the ANTARES telescope. European Physical Journal C, 2014, 74, 1.	1.4	25
120	Noise Pulses in Large Area Optical Modules. IEEE Transactions on Nuclear Science, 2014, 61, 2097-2104.	1.2	5
121	OFFSET: Optical Fiber Folded Scintillating Extended Tracker. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 737, 195-202.	0.7	16
122	A proton Computed Tomography based medical imaging system. Journal of Instrumentation, 2014, 9, C12009-C12009.	0.5	19
123	Status and first results of the NEMO Phase-2 tower. Journal of Instrumentation, 2014, 9, C03045-C03045.	0.5	7
124	Strip detectors for a portal monitor application. Journal of Instrumentation, 2014, 9, P11008-P11008.	0.5	12
125	Design of a muonic tomographic detector to scan travelling containers. Journal of Instrumentation, 2014, 9, C05029-C05029.	0.5	6
126	Characterization of a YAG:Ce calorimeter with high-energy proton beam. , 2014, , .		0

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127	Recent results on the development of a proton computed tomography system. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 732, 573-576.	0.7	31
128	The PRIMA collaboration: Preliminary results in FBP reconstruction of pCT data. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 730, 184-190.	0.7	29
129	Measurement of the atmospheric Î½ Î¼ energy spectrum from 100 GeV to 200 TeV with the ANTARES telescope. European Physical Journal C, 2013, 73, 1.	1.4	51
130	The muon portal project: A dedicated muon detector for the inspection of shipping containers. , 2013, , .		0
131	Aging characterization on large area photo-multipliers. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 725, 151-154.	0.7	8
132	The PRIMA (PRoton IMAging) collaboration: Development of a proton Computed Tomography apparatus. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 730, 178-183.	0.7	34
133	New bi-dimensional SPAD arrays for time resolved single photon imaging. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 718, 566-568.	0.7	0
134	A proton Computed Tomography system for medical applications. Journal of Instrumentation, 2013, 8, C02021-C02021.	0.5	13
135	Detection potential of the KM3NeT detector for high-energy neutrinos from the Fermi bubbles. Astroparticle Physics, 2013, 42, 7-14.	1.9	28
136	The Muon Portal Project: Development of an innovative scanning portal based on muon tomography. , 2013, , .		4
137	First results on dark matter annihilation in the Sun using the ANTARES neutrino telescope. Journal of Cosmology and Astroparticle Physics, 2013, 2013, 032-032.	1.9	20
138	First search for neutrinos in correlation with gamma-ray bursts with the ANTARES neutrino telescope. Journal of Cosmology and Astroparticle Physics, 2013, 2013, 006-006.	1.9	13
139	A first search for coincident gravitational waves and high energy neutrinos using LIGO, Virgo and ANTARES data from 2007. Journal of Cosmology and Astroparticle Physics, 2013, 2013, 008-008.	1.9	32
140	Absolute and relative dosimetry for ELIMED. , 2013, , .		2
141	Towards a large area apparatus for Proton Computed Tomography. , 2013, , .		0
142	SEARCH FOR A CORRELATION BETWEEN ANTARES NEUTRINOS AND PIERRE AUGER OBSERVATORY UHECRs ARRIVAL DIRECTIONS. Astrophysical Journal, 2013, 774, 19.	1.6	12
143	Development of a scintillation-fiber detector for real-time particle tracking. Journal of Instrumentation, 2013, 8, P04015-P04015.	0.5	8
144	A large area cosmic ray detector for the inspection of hidden high-Z materials inside containers. Journal of Physics: Conference Series, 2013, 409, 012046.	0.3	13

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145	The optical modules of the phase-2 of the NEMO project. Journal of Instrumentation, 2013, 8, P07001-P07001.	0.5	8
146	Search for muon neutrinos from gamma-ray bursts with the ANTARES neutrino telescope using 2008 to 2011 data. Astronomy and Astrophysics, 2013, 559, A9.	2.1	57
147	Expansion cone for the 3-inch PMTs of the KM3NeT optical modules. Journal of Instrumentation, 2013, 8, T03006-T03006.	0.5	15
148	Deep-Sea Bioluminescence Blooms after Dense Water Formation at the Ocean Surface. PLoS ONE, 2013, 8, e67523.	1.1	58
149	Design and Characterization of a Real Time, Large Area, High Spatial Resolution Particle Tracker Based on Scintillating Fibers. Biomedical Engineering Research, 2013, , 159-174.	0.2	3
150	The PRIMA (Proton Imaging) collaboration: Status of the development of a proton Computed Tomography Scanner. , 2012, , .		2
151	A real time, large area, high spatial resolution tracker based on square scintillating fibers. , 2012, , .		1
152	PRIMA proton imaging for clinical application. , 2012, , .		4
153	Comparative timing performances of S-CVD diamond detectors with different particle beams and readout electronics. , 2012, , .		1
154	The positioning system of the ANTARES Neutrino Telescope. Journal of Instrumentation, 2012, 7, T08002-T08002.	0.5	48
155	SEARCH FOR COSMIC NEUTRINO POINT SOURCES WITH FOUR YEARS OF DATA FROM THE ANTARES TELESCOPE. Astrophysical Journal, 2012, 760, 53.	1.6	104
156	Minimal incidence of neonatal/infancy onset diabetes in Italy is 1:90,000 live births. Acta Diabetologica, 2012, 49, 405-408.	1.2	130
157	Design of a large area tomograph to search for high-Z materials inside containers by cosmic muons. , 2012, , .		8
158	Influence of the Earth's Magnetic Field on Large Area Photomultipliers. IEEE Transactions on Nuclear Science, 2012, 59, 1259-1267.	1.2	14
159	Measurement of atmospheric neutrino oscillations with the ANTARES neutrino telescope. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 714, 224-230.	1.5	63
160	Search for neutrino emission from gamma-ray flaring blazars with the ANTARES telescope. Astroparticle Physics, 2012, 36, 204-210.	1.9	19
161	Development of a Proton Computed Tomography system for pre-clinical tests. , 2012, , .		1
162	The ANTARES telescope neutrino alert system. Astroparticle Physics, 2012, 35, 530-536.	1.9	39

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163	Measurement of the group velocity of light in sea water at the ANTARES site. Astroparticle Physics, 2012, 35, 552-557.	1.9	4
164	Search for relativistic magnetic monopoles with the ANTARES neutrino telescope. Astroparticle Physics, 2012, 35, 634-640.	1.9	43
165	A method for detection of muon induced electromagnetic showers with the ANTARES detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2012, 675, 56-62.	0.7	2
166	Upgrade of the Proton Computed Tomography System of the PRIMA Project. , 2012, , .		0
167	1423 poster IMAGING CHARACTERIZATION OF PRIMA PROTON IMAGING DEVICE. Radiotherapy and Oncology, 2011, 99, S529.	0.3	0
168	Tomographic images by proton Computed Tomography system for proton therapy applications. , 2011, , .		7
169	Acoustic and optical variations during rapid downward motion episodes in the deep north-western Mediterranean Sea. Deep-Sea Research Part I: Oceanographic Research Papers, 2011, 58, 875-884.	0.6	15
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