Paolo Piattelli

List of Publications by Year
in descending order

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220	9,039	66343	45317
papers	citations	42	90
		h-index	g-index

227	227	227	10189
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Multi-messenger Observations of a Binary Neutron Star Merger[*]. Astrophysical Journal Letters, 2017, 848, L12.	8.3	2,805
2	Letter of intent for KM3NeT 2.0. Journal of Physics G: Nuclear and Particle Physics, 2016, 43, 084001.	3.6	512
3	ANTARES: The first undersea neutrino telescope. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 656, 11-38.	1.6	441
4	The high-acceptance dielectron spectrometer HADES. European Physical Journal A, 2009, 41, 243-277.	2.5	271
5	The ANTARES optical module. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2002, 484, 369-383.	1.6	161
6	The SUrvey for Pulsars and Extragalactic Radio Bursts â€“ II. New FRB discoveries and their follow-up. Monthly Notices of the Royal Astronomical Society, 2018, 475, 1427-1446.	4.4	156
7	The data acquisition system for the ANTARES neutrino telescope. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 570, 107-116.	1.6	138
8	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.	8.3	135
9	Dielectron Production inC12+C12Collisions at2Aâ€‰â€‰GeVwith the HADES Spectrometer. Physical Review Letters, 2007, 98, 052302.	7.8	115
10	MEDEA: a multi element detector array for gamma ray and light charged particle detection at the LNS-Catania. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1992, 314, 31-55.	1.6	111
11	SEARCH FOR COSMIC NEUTRINO POINT SOURCES WITH FOUR YEARS OF DATA FROM THE ANTARES TELESCOPE. Astrophysical Journal, 2012, 760, 53.	4.5	104
12	First results of the Instrumentation Line for the deep-sea ANTARES neutrino telescope. Astroparticle Physics, 2006, 26, 314-324.	4.3	99
13	High-energy neutrino follow-up search of gravitational wave event GW150914 with ANTARES and IceCube. Physical Review D, 2016, 93, .	4.7	92
14	SEARCHES FOR POINT-LIKE AND EXTENDED NEUTRINO SOURCES CLOSE TO THE GALACTIC CENTER USING THE ANTARES NEUTRINO TELESCOPE. Astrophysical Journal Letters, 2014, 786, L5.	8.3	88
15	Time calibration of the ANTARES neutrino telescope. Astroparticle Physics, 2011, 34, 539-549.	4.3	85
16	Limits on dark matter annihilation in the sun using the ANTARES neutrino telescope. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 759, 69-74.	4.1	78
17	Study of large hemispherical photomultiplier tubes for the ANTARES neutrino telescope. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2005, 555, 132-141.	1.6	71
18	Sensitivity of the KM3NeT/ARCA neutrino telescope to point-like neutrino sources. Astroparticle Physics, 2019, 111, 100-110.	4.3	71

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19	Low-lying collective states in neutron-rich oxygen isotopes via proton scattering. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 490, 45-52.	4.1	66
20	Joint Constraints on Galactic Diffuse Neutrino Emission from the ANTARES and IceCube Neutrino Telescopes. Astrophysical Journal Letters, 2018, 868, L20.	8.3	64
21	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.	4.1	63
22	Deep seawater inherent optical properties in the Southern Ionian Sea. Astroparticle Physics, 2007, 27, 1-9.	4.3	62
23	The ANTARES optical beacon system. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 578, 498-509.	1.6	61
24	First all-flavor neutrino pointlike source search with the ANTARES neutrino telescope. Physical Review D, 2017, 96, .	4.7	60
25	Search for a diffuse flux of high-energy <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:msub><mml:mi>Î½</mml:mi><mml:mi>Î¼</mml:mi></mml:msub></mml:math> with the ANTARES neutrino telescope. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 696, 16-22.	4.1	59
26	Deep-Sea Bioluminescence Blooms after Dense Water Formation at the Ocean Surface. PLoS ONE, 2013, 8, e67523.	2.5	58
27	Search for muon neutrinos from gamma-ray bursts with the ANTARES neutrino telescope using 2008 to 2011 data. Astronomy and Astrophysics, 2013, 559, A9.	5.1	57
28	Proton scattering from the unstable nuclei 30S and 34Ar: structural evolution along the sulfur and argon isotopic chains. Nuclear Physics A, 2001, 694, 103-131.	1.5	55
29	Zenith distribution and flux of atmospheric muons measured with the 5-line ANTARES detector. Astroparticle Physics, 2010, 34, 179-184.	4.3	53
30	Results from the search for dark matter in the Milky Way with 9 years of data of the ANTARES neutrino telescope. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 769, 249-254.	4.1	52
31	Sedimentation and fouling of optical surfaces at the ANTARES site. Astroparticle Physics, 2003, 19, 253-267.	4.3	51
32	Performance of the front-end electronics of the ANTARES neutrino telescope. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2010, 622, 59-73.	1.6	51
33	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.	3.9	51
34	Recent achievements of the NEMO project. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2008, 588, 111-118.	1.6	50
35	THE FIRST COMBINED SEARCH FOR NEUTRINO POINT-SOURCES IN THE SOUTHERN HEMISPHERE WITH THE ANTARES AND ICECUBE NEUTRINO TELESCOPES. Astrophysical Journal, 2016, 823, 65.	4.5	49
36	Towards limiting temperatures in nuclei: The behavior of collective motion. Physical Review Letters, 1994, 72, 3321-3324.	7.8	48

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37	The positioning system of the ANTARES Neutrino Telescope. Journal of Instrumentation, 2012, 7, T08002-T08002.	1.2	48
38	Performance of the first ANTARES detector line. Astroparticle Physics, 2009, 31, 277-283.	4.3	47
39	Deep sea tests of a prototype of the KM3NeT digital optical module. European Physical Journal C, 2014, 74, 1.	3.9	46
40	NEMO-SN1 Abyssal Cabled Observatory in the Western Ionian Sea. IEEE Journal of Oceanic Engineering, 2013, 38, 358-374.	3.8	45
41	A polarized fast radio burst at low Galactic latitude. Monthly Notices of the Royal Astronomical Society, 0, , .	4.4	45
42	FIRST SEARCH FOR POINT SOURCES OF HIGH-ENERGY COSMIC NEUTRINOS WITH THE ANTARES NEUTRINO TELESCOPE. Astrophysical Journal Letters, 2011, 743, L14.	8.3	43
43	Search for relativistic magnetic monopoles with the ANTARES neutrino telescope. Astroparticle Physics, 2012, 35, 634-640.	4.3	43
44	All-flavor Search for a Diffuse Flux of Cosmic Neutrinos with Nine Years of ANTARES Data. Astrophysical Journal Letters, 2018, 853, L7.	8.3	41
45	Strong impact parameter dependence of hard photon production in intermediate energy heavy ion collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 298, 46-49.	4.1	40
46	Search for high-energy neutrinos from gravitational wave event GW151226 and candidate LVT151012 with ANTARES and IceCube. Physical Review D, 2017, 96, .	4.7	40
47	The ANTARES telescope neutrino alert system. Astroparticle Physics, 2012, 35, 530-536.	4.3	39
48	Measurements of light transmission in deep sea with the AC9 trasmissometer. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2002, 487, 423-434.	1.6	38
49	Status of NEMO. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2006, 567, 444-451.	1.6	35
50	Constraints on the neutrino emission from the Galactic Ridge with the ANTARES telescope. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 760, 143-148.	4.1	35
51	Long-term measurements of acoustic background noise in very deep sea. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2009, 604, S149-S157.	1.6	34
52	Measurement of the atmospheric muon flux with a 4GeV threshold in the ANTARES neutrino telescope. Astroparticle Physics, 2010, 33, 86-90.	4.3	34
53	Dynamical dipole mode in fusion reactions at 16 MeV/nucleon and beam energy dependence. Physical Review C, 2009, 80, .	2.9	33
54	New constraints on all flavor Galactic diffuse neutrino emission with the ANTARES telescope. Physical Review D, 2017, 96, .	4.7	33

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55	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.	5.4	32
56	The prototype detection unit of the KM3NeT detector. European Physical Journal C, 2016, 76, 1.	3.9	32
57	Search for Multimessenger Sources of Gravitational Waves and High-energy Neutrinos with Advanced LIGO during Its First Observing Run, ANTARES, and IceCube. Astrophysical Journal, 2019, 870, 134.	4.5	32
58	Combined search for neutrinos from dark matter self-annihilation in the Galactic Center with ANTARES and IceCube. Physical Review D, 2020, 102, .	4.7	31
59	BaF2 scintillator: A stand-alone detector for Î³-rays and light charged particles. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1988, 269, 595-598.	1.6	30
60	Giant dipole resonance in very hot nuclei of massAâ‰Š115. Physical Review C, 1996, 53, 2258-2272.	2.9	30
61	Search of dark matter annihilation in the galactic centre using the ANTARES neutrino telescope. Journal of Cosmology and Astroparticle Physics, 2015, 2015, 068-068.	5.4	30
62	Measurement of charged pions in 12C + 12C collisions at 1 A GeV and 2 A GeV with HADES. European Physical Journal A, 2009, 40, 45-59.	2.5	28
63	Detection potential of the KM3NeT detector for high-energy neutrinos from the Fermi bubbles. Astroparticle Physics, 2013, 42, 7-14.	4.3	28
64	Search for high-energy neutrinos from bright GRBs with ANTARES. Monthly Notices of the Royal Astronomical Society, 2017, 469, 906-915.	4.4	27
65	Determining the neutrino mass ordering and oscillation parameters with KM3NeT/ORCA. European Physical Journal C, 2022, 82, 1.	3.9	27
66	Response of the BaF2 scintillator to light charged particles. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1993, 327, 363-368.	1.6	26
67	Prompt dipole radiation in fusion reactions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 664, 47-51.	4.1	26
68	A search for Secluded Dark Matter in the Sun with the ANTARES neutrino telescope. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 016-016.	5.4	26
69	Search for dark matter towards the Galactic Centre with 11 years of ANTARES data. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 805, 135439.	4.1	26
70	The Neutrino Mediterranean Observatory Project. Nuclear Physics, Section B, Proceedings Supplements, 2005, 143, 359-362.	0.4	25
71	Characterisation of the Hamamatsu photomultipliers for the KM3NeT Neutrino Telescope. Journal of Instrumentation, 2018, 13, P05035-P05035.	1.2	25
72	ANTARES and IceCube Combined Search for Neutrino Point-like and Extended Sources in the Southern Sky. Astrophysical Journal, 2020, 892, 92.	4.5	25

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73	On the origin of fast proton emission in intermediate energy heavy ion collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 322, 38-42.	4.1	24
74	Measurement of the atmospheric muon flux with the NEMO Phase-1 detector. Astroparticle Physics, 2010, 33, 263-273.	4.3	24
75	The Search for Neutrinos from TXS 0506+056 with the ANTARES Telescope. Astrophysical Journal Letters, 2018, 863, L30.	8.3	24
76	Contemporary presence of dynamical and statistical production of intermediate mass fragments in midperipheral 58Ni+58Ni collisions at 30ÂMeV/nucleon. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 509, 204-210.	4.1	23
77	Evidence for an Anticorrelation Effect in the Production of Hard Photons and Preequilibrium Protons in Heavy Ion Collisions. Physical Review Letters, 1994, 73, 1769-1772.	7.8	22
78	Recent results and perspectives of the NEMO project. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2009, 602, 47-53.	1.6	22
79	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.	4.7	22
80	Response of MEDEA BaF2 detectors to 20â€“280 MeV photons. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1993, 329, 173-178.	1.6	21
81	Abyssal undular vortices in the Eastern Mediterranean basin. Nature Communications, 2012, 3, 834.	12.8	21
82	Measurement of the atmospheric muon depth intensity relation with the NEMO Phase-2 tower. Astroparticle Physics, 2015, 66, 1-7.	4.3	21
83	Optical and X-ray early follow-up of ANTARES neutrino alerts. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 062-062.	5.4	21
84	The KM3NeT potential for the next core-collapse supernova observation with neutrinos. European Physical Journal C, 2021, 81, 1.	3.9	21
85	Sensitivity of an underwater ÄŒerenkov km3 telescope to TeV neutrinos from Galactic microquasars. Astroparticle Physics, 2007, 28, 1-9.	4.3	20
86	The Data Acquisition and Transport Design for NEMO Phase 1. IEEE Transactions on Nuclear Science, 2008, 55, 233-240.	2.0	20
87	First results on dark matter annihilation in the Sun using the ANTARES neutrino telescope. Journal of Cosmology and Astroparticle Physics, 2013, 2013, 032-032.	5.4	20
88	Sperm whale long-range echolocation sounds revealed by ANTARES, a deep-sea neutrino telescope. Scientific Reports, 2017, 7, 45517.	3.3	20
89	Dependence of atmospheric muon flux on seawater depth measured with the first KM3NeT detection units. European Physical Journal C, 2020, 80, 1.	3.9	20
90	Different isotopic composition as a signature for different processes leading to fragment production in midperipheral 58Ni+58Ni collisions at 30ÂMeV/nucleon. Nuclear Physics A, 2002, 703, 466-488.	1.5	19

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91	The NEMO project: A status report. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 626-627, S25-S29.	1.6	19
92	Search for neutrino emission from gamma-ray flaring blazars with the ANTARES telescope. Astroparticle Physics, 2012, 36, 204-210.	4.3	19
93	Search for dark matter annihilation in the earth using the ANTARES neutrino telescope. Physics of the Dark Universe, 2017, 16, 41-48.	4.9	19
94	Constraining the contribution of Gamma-Ray Bursts to the high-energy diffuse neutrino flux with 10Âyr of ANTARES data. Monthly Notices of the Royal Astronomical Society, 2020, 500, 5614-5628.	4.4	19
95	Impact-parameter dependence of neutral pion production in theAr36onAl27collision at 95 MeV/nucleon. Physical Review C, 1993, 48, 2350-2354.	2.9	18
96	The HADES time-of-flight wall. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2002, 492, 14-25.	1.6	18
97	KM3NeT front-end and readout electronics system: hardware, firmware, and software. Journal of Astronomical Telescopes, Instruments, and Systems, 2019, 5, 1.	1.8	18
98	Neutral pion production in theO16+27Al reaction at 94 MeV/nucleon. Physical Review C, 1993, 47, 231-236.	2.9	17
99	Strong Enhancement of Extremely Energetic Proton Production in Central Heavy Ion Collisions at Intermediate Energy. Physical Review Letters, 2001, 87, 072701.	7.8	17
100	Reaction dynamics and hot nuclei formation in the36Ar+98Moreaction at37AMeVstudied through light charged particle andÎ³-ray emission. Physical Review C, 2002, 66, .	2.9	17
101	Procedures and results of the measurements on large area photomultipliers for the NEMO project. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2010, 614, 206-212.	1.6	16
102	Measuring the atmospheric neutrino oscillation parameters and constraining the 3+1 neutrino model with ten years of ANTARES data. Journal of High Energy Physics, 2019, 2019, 1.	4.7	16
103	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.	1.4	15
104	Expansion cone for the 3-inch PMTs of the KM3NeT optical modules. Journal of Instrumentation, 2013, 8, T03006-T03006.	1.2	15
105	Event reconstruction for KM3NeT/ORCA using convolutional neural networks. Journal of Instrumentation, 2020, 15, P10005-P10005.	1.2	15
106	ANTARES constrains a blazar origin of two IceCube PeV neutrino events. Astronomy and Astrophysics, 2015, 576, L8.	5.1	15
107	The data acquisition system for the crystal ball at LNS. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1988, 271, 557-562.	1.6	14
108	NEMO: Status of the Project. Nuclear Physics, Section B, Proceedings Supplements, 2004, 136, 61-68.	0.4	14

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109	An Algorithm for the Reconstruction of Neutrino-induced Showers in the ANTARES Neutrino Telescope. Astronomical Journal, 2017, 154, 275.	4.7	14
110	The cosmic ray shadow of the Moon observed with the ANTARES neutrino telescope. European Physical Journal C, 2018, 78, 1006.	3.9	14
111	gSeaGen: The KM3NeT GENIE-based code for neutrino telescopes. Computer Physics Communications, 2020, 256, 107477.	7.5	14
112	Studies of a full-scale mechanical prototype line for the ANTARES neutrino telescope and tests of a prototype instrument for deep-sea acoustic measurements. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 581, 695-708.	1.6	13
113	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.	5.4	13
114	All-sky search for high-energy neutrinos from gravitational wave event GW170104 with the AntaresÂneutrino telescope. European Physical Journal C, 2017, 77, 1.	3.9	13
115	Monte Carlo simulations for the ANTARES underwater neutrino telescope. Journal of Cosmology and Astroparticle Physics, 2021, 2021, 064-064.	5.4	13
116	Impact parameter dependence of linear momentum transfer and the role of two-body dissipation mechanisms in heavy ion collisions around the Fermi energy. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 442, 48-52.	4.1	12
117	Inertial bioluminescence rhythms at the Capo Passero (KM3NeT-Italia) site, Central Mediterranean Sea. Scientific Reports, 2017, 7, 44938.	3.3	12
118	MACISTE: the forward spectrometer for heavy ions at LNS-Catania. IEEE Transactions on Nuclear Science, 1996, 43, 1737-1740.	2.0	11
119	High energy proton emission in heavy ion reactions close to the Fermi energy. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 471, 339-345.	4.1	11
120	NEMO: A PROJECT FOR A KM3 UNDERWATER DETECTOR FOR ASTROPHYSICAL NEUTRINOS IN THE MEDITERRANEAN SEA. International Journal of Modern Physics A, 2007, 22, 3509-3520.	1.5	11
121	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.	3.9	11
122	An algorithm for the reconstruction of high-energy neutrino-induced particle showers and its application to the ANTARES neutrino telescope. European Physical Journal C, 2017, 77, 419.	3.9	11
123	ANTARES Search for Point Sources of Neutrinos Using Astrophysical Catalogs: A Likelihood Analysis. Astrophysical Journal, 2021, 911, 48.	4.5	11
124	Measurement of the atmospheric Î½ and Î½ energy spectra with the ANTARES neutrino telescope. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 816, 136228.	4.1	11
125	Search for high energy ?-rays emission in28Si,32S+64Ni dissipative reactions at about 5 MeV/amu incident energy. Zeitschrift FÃ¼r Physik A, 1991, 340, 341-342.	0.9	10
126	Limiting temperatures for collective motion: The giant dipole resonance in very hot nuclei. Nuclear Physics A, 1996, 599, 63-82.	1.5	10

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127	Long-term monitoring of the ANTARES optical module efficiencies using $$^{40}mathrm{{K}}$$ 40 K decays in sea water. European Physical Journal C, 2018, 78, 1.	3.9	10
128	Searches for clustering in the time integrated skymap of the ANTARES neutrino telescope. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 001-001.	5.4	9
129	A search for time dependent neutrino emission from microquasars with the ANTARES telescope. Journal of High Energy Astrophysics, 2014, 3-4, 9-17.	6.7	9
130	Search for muon-neutrino emission from GeV and TeV gamma-ray flaring blazars using five years of data of the ANTARES telescope. Journal of Cosmology and Astroparticle Physics, 2015, 2015, 014-014.	5.4	9
131	MURCHISON WIDEFIELD ARRAY LIMITS ON RADIO EMISSION FROM ANTARES NEUTRINO EVENTS. Astrophysical Journal Letters, 2016, 820, L24.	8.3	9
132	Search for relativistic magnetic monopoles with five years of the ANTARES detector data. Journal of High Energy Physics, 2017, 2017, 1.	4.7	9
133	Deep-sea deployment of the KM3NeT neutrino telescope detection units by self-unrolling. Journal of Instrumentation, 2020, 15, P11027-P11027.	1.2	9
134	Search for neutrino counterparts of gravitational-wave events detected by LIGO and Virgo during run O2 with the ANTARES telescope. European Physical Journal C, 2020, 80, 1.	3.9	9
135	Architecture and performance of the KM3NeT front-end firmware. Journal of Astronomical Telescopes, Instruments, and Systems, 2021, 7, .	1.8	9
136	Implementation and first results of the KM3NeT real-time core-collapse supernova neutrino search. European Physical Journal C, 2022, 82, 1.	3.9	9
137	Disappearence of collective motion in very hot nuclei. Nuclear Physics A, 1999, 649, 181-184.	1.5	8
138	Feasibility studies for a Mediterranean neutrino observatory â€" the NEMO.RD Project. Nuclear Physics, Section B, Proceedings Supplements, 2000, 87, 433-435.	0.4	8
139	The optical modules of the phase-2 of the NEMO project. Journal of Instrumentation, 2013, 8, P07001-P07001.	1.2	8
140	A method to stabilise the performance of negatively fed KM3NeT photomultipliers. Journal of Instrumentation, 2016, 11, P12014-P12014.	1.2	8
141	Time-dependent search for neutrino emission from X-ray binaries with the ANTARES telescope. Journal of Cosmology and Astroparticle Physics, 2017, 2017, 019-019.	5.4	8
142	Stacked search for time shifted high energy neutrinos from gamma ray bursts with the Antares neutrino telescope. European Physical Journal C, 2017, 77, 1.	3.9	8
143	The search for high-energy neutrinos coincident with fast radio bursts with the ANTARES neutrino telescope. Monthly Notices of the Royal Astronomical Society, 2019, 482, 184-193.	4.4	8
144	The Control Unit of the KM3NeT Data Acquisition System. Computer Physics Communications, 2020, 256, 107433.	7.5	8

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145	The Giant Dipole Resonance built on highly excited states â€" results of the MEDEA experiment. Nuclear Physics A, 1994, 569, 225-236.	1.5	7
146	Fluctuations of Global Observables: A Fundamental Issue in the Interpretation of Nucleus-Nucleus Collision Exclusive Data at Intermediate Energy. Physical Review Letters, 1995, 75, 2288-2291.	7.8	7
147	The time of flight wall for the HADES spectrometer. IEEE Transactions on Nuclear Science, 1998, 45, 665-669.	2.0	7
148	Status and first results of the NEMO Phase-2 tower. Journal of Instrumentation, 2014, 9, C03045-C03045.	1.2	7
149	The Giant Dipole Resonance at very high temperatures. Nuclear Physics A, 1995, 583, 105-108.	1.5	6
150	Hard photons: production mechanisms and nuclear dynamics. Nuclear Physics A, 2001, 681, 339-342.	1.5	6
151	Size and asymmetry of the reaction entrance channel: Influence on the probability of neck production. Nuclear Physics A, 2005, 756, 39-53.	1.5	6
152	Status of NEMO. Nuclear Physics, Section B, Proceedings Supplements, 2007, 165, 172-180.	0.4	6
153	Onset of quenching of the giant dipole resonance at high excitation energies. Physical Review C, 2014, 90, .	2.9	6
154	A Search for Cosmic Neutrino and Gamma-Ray Emitting Transients in 7.3 yr of ANTARES and Fermi LAT Data. Astrophysical Journal, 2019, 886, 98.	4.5	6
155	Search for Neutrinos from the Tidal Disruption Events AT2019dsg and AT2019fdr with the ANTARES Telescope. Astrophysical Journal, 2021, 920, 50.	4.5	6
156	TERESA: a modular multiprocess software architecture for experimental nuclear data handling. IEEE Transactions on Nuclear Science, 1989, 36, 620-625.	2.0	5
157	A multiprocessor system for the on-line collection and handling of the LNS Crystal Ball data. IEEE Transactions on Nuclear Science, 1989, 36, 740-745.	2.0	5
158	Rejecting escape events in large volume Ge detectors by a pulse shape selection procedure. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1993, 334, 450-456.	1.6	5
159	Sensitivity to the impact parameter of the multiparticle decay at intermediate energy. Physical Review C, 1994, 50, 2930-2934.	2.9	5
160	Hard photons and energetic protons as probes of the nuclear dynamics at intermediate energy. Il Nuovo Cimento A, 1998, 111, 999-1008.	0.2	5
161	Towards a better understanding of hard photon emission in intermediate energy heavy ion collisions. Nuclear Physics A, 1999, 654, 761c-764c.	1.5	5
162	Time calibration with atmospheric muon tracks in the ANTARES neutrino telescope. Astroparticle Physics, 2016, 78, 43-51.	4.3	5

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163	Mapping the demise of collective motion in nuclei at high excitation energy. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 782, 427-432.	4.1	5
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