

Juan Zuiga

List of Publications by Citations

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160
papers

7,071
citations

40
h-index

79
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161
ext. papers

8,057
ext. citations

3.9
avg, IF

3.35
L-index

#	Paper	IF	Citations
160	Multi-messenger Observations of a Binary Neutron Star Merger. <i>Astrophysical Journal Letters</i> , 2017 , 848, L12	7.9	1935
159	ANTARES: The first undersea neutrino telescope. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2011 , 656, 11-38	1.2	363
158	Letter of intent for KM3NeT 2.0. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2016 , 43, 084001	2.9	333
157	Electroweak parameters of the Z0 resonance and the standard model. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992 , 276, 247-253	4.2	157
156	The ANTARES optical module. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2002 , 484, 369-383	1.2	134
155	The SURvey for Pulsars and Extragalactic Radio Bursts III. New FRB discoveries and their follow-up. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 475, 1427-1446	4.3	126
154	The data acquisition system for the ANTARES neutrino telescope. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2007 , 570, 107-116	1.2	113
153	Search for High-energy Neutrinos from Binary Neutron Star Merger GW170817 with ANTARES, IceCube, and the Pierre Auger Observatory. <i>Astrophysical Journal Letters</i> , 2017 , 850, L35	7.9	104
152	SEARCH FOR COSMIC NEUTRINO POINT SOURCES WITH FOUR YEARS OF DATA FROM THE ANTARES TELESCOPE. <i>Astrophysical Journal</i> , 2012 , 760, 53	4.7	90
151	SEARCHES FOR POINT-LIKE AND EXTENDED NEUTRINO SOURCES CLOSE TO THE GALACTIC CENTER USING THE ANTARES NEUTRINO TELESCOPE. <i>Astrophysical Journal Letters</i> , 2014 , 786, L5	7.9	83
150	High-energy neutrino follow-up search of gravitational wave event GW150914 with ANTARES and IceCube. <i>Physical Review D</i> , 2016 , 93,	4.9	80
149	Transmission of light in deep sea water at the site of the Antares neutrino telescope. <i>Astroparticle Physics</i> , 2005 , 23, 131-155	2.4	79
148	First results of the Instrumentation Line for the deep-sea ANTARES neutrino telescope. <i>Astroparticle Physics</i> , 2006 , 26, 314-324	2.4	76
147	A study of intermittency in hadronic Z0 decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990 , 247, 137-147	4.2	69
146	Time calibration of the ANTARES neutrino telescope. <i>Astroparticle Physics</i> , 2011 , 34, 539-549	2.4	67
145	Bose-Einstein correlations in the hadronic decays of the Z0. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992 , 286, 201-210	4.2	66
144	A fast algorithm for muon track reconstruction and its application to the ANTARES neutrino telescope. <i>Astroparticle Physics</i> , 2011 , 34, 652-662	2.4	63

143	Determination of Z0 resonance parameters and couplings from its hadronic and leptonic decays. <i>Nuclear Physics B</i> , 1991 , 367, 511-574	2.8	62
142	Study of large hemispherical photomultiplier tubes for the ANTARES neutrino telescope. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2005 , 555, 132-141	1.2	61
141	A comparison of jet production rates on the Z0 resonance to perturbative QCD. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990 , 247, 167-176	4.2	61
140	Measurement of atmospheric neutrino oscillations with the ANTARES neutrino telescope. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 714, 224-230	4.2	58
139	A search for sleptons and gauginos in Z0 decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990 , 247, 157-166	4.2	58
138	Background light in potential sites for the ANTARES undersea neutrino telescope. <i>Astroparticle Physics</i> , 2000 , 13, 127-136	2.4	57
137	Search for a diffuse flux of high-energy . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 696, 16-22	4.2	56
136	A precise measurement of the Z resonance parameters through its hadronic decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990 , 241, 435-448	4.2	56
135	Limits on dark matter annihilation in the sun using the ANTARES neutrino telescope. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 759, 69-74	4.2	56
134	Search for muon neutrinos from gamma-ray bursts with the ANTARES neutrino telescope using 2008 to 2011 data. <i>Astronomy and Astrophysics</i> , 2013 , 559, A9	5.1	50
133	AMADEUS—the acoustic neutrino detection test system of the ANTARES deep-sea neutrino telescope. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2011 , 626-627, 128-143	1.2	50
132	The ANTARES optical beacon system. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2007 , 578, 498-509	1.2	49
131	Charged particle multiplicity distributions in restricted rapidity intervals in Z0 hadronic decays. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1991 , 52, 271-281		49
130	Measurement of the atmospheric energy spectrum from 100 GeV to 200 TeV with the ANTARES telescope. <i>European Physical Journal C</i> , 2013 , 73, 1	4.2	48
129	Deep-sea bioluminescence blooms after dense water formation at the ocean surface. <i>PLoS ONE</i> , 2013 , 8, e67523	3.7	46
128	Sedimentation and fouling of optical surfaces at the ANTARES site. <i>Astroparticle Physics</i> , 2003 , 19, 253-267		46
127	Search for light neutral Higgs particles produced in Z0-decays. <i>Nuclear Physics B</i> , 1990 , 342, 1-14	2.8	46
126	Zenith distribution and flux of atmospheric muons measured with the 5-line ANTARES detector. <i>Astroparticle Physics</i> , 2010 , 34, 179-184	2.4	45

125	First all-flavor neutrino pointlike source search with the ANTARES neutrino telescope. <i>Physical Review D</i> , 2017 , 96,	4.9	44
124	Search for pair production of neutral Higgs bosons in Z0 decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990 , 245, 276-288	4.2	44
123	Performance of the front-end electronics of the ANTARES neutrino telescope. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2010 , 622, 59-73	1.2	43
122	Production of strange particles in the hadronic decays of the Z0. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992 , 275, 231-242	4.2	41
121	Production of Λ and $\bar{\Lambda}$ correlations in the hadronic decays of the Z0. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993 , 318, 249-262	4.2	41
120	Experimental study of the triple-gluon vertex. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1991 , 255, 466-476	4.2	40
119	Determination of β from the scaling violation in the fragmentation functions in $e+e$ annihilation. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993 , 311, 408-424	4.2	40
118	THE FIRST COMBINED SEARCH FOR NEUTRINO POINT-SOURCES IN THE SOUTHERN HEMISPHERE WITH THE ANTARES AND ICECUBE NEUTRINO TELESCOPES. <i>Astrophysical Journal</i> , 2016 , 823, 65	4.7	40
117	A polarized fast radio burst at low Galactic latitude. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 ,	4.3	39
116	Results from the search for dark matter in the Milky Way with 9 years of data of the ANTARES neutrino telescope. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017 , 769, 249-254	4.2	38
115	Search for relativistic magnetic monopoles with the ANTARES neutrino telescope. <i>Astroparticle Physics</i> , 2012 , 35, 634-640	2.4	38
114	A search for neutral Higgs particles in Z0 decays. <i>Nuclear Physics B</i> , 1992 , 373, 3-34	2.8	38
113	Performance of the first ANTARES detector line. <i>Astroparticle Physics</i> , 2009 , 31, 277-283	2.4	37
112	Improved measurements of cross sections and asymmetries at the Z0 resonance. <i>Nuclear Physics B</i> , 1994 , 418, 403-427	2.8	37
111	Energy-energy correlations in hadronic final states from Z0 decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990 , 252, 149-158	4.2	37
110	The positioning system of the ANTARES Neutrino Telescope. <i>Journal of Instrumentation</i> , 2012 , 7, T08002-T08002	2.4	36
109	Evidence for B _S 0 meson production in Z0 decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992 , 289, 199-210	4.2	36
108	Search for heavy charged scalars in Z0 decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990 , 241, 449-458	4.2	36

107	The ANTARES telescope neutrino alert system. <i>Astroparticle Physics</i> , 2012 , 35, 530-536	2.4	35
106	FIRST SEARCH FOR POINT SOURCES OF HIGH-ENERGY COSMIC NEUTRINOS WITH THE ANTARES NEUTRINO TELESCOPE. <i>Astrophysical Journal Letters</i> , 2011 , 743, L14	7.9	35
105	Joint Constraints on Galactic Diffuse Neutrino Emission from the ANTARES and IceCube Neutrino Telescopes. <i>Astrophysical Journal Letters</i> , 2018 , 868, L20	7.9	35
104	Deep sea tests of a prototype of the KM3NeT digital optical module. <i>European Physical Journal C</i> , 2014 , 74, 1	4.2	34
103	Classification of the hadronic decays of the Z0 into b and c quark pairs using a neural network. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992 , 295, 383-395	4.2	34
102	Search for high-energy neutrinos from gravitational wave event GW151226 and candidate LVT151012 with ANTARES and IceCube. <i>Physical Review D</i> , 2017 , 96,	4.9	32
101	Measurement of the atmospheric muon flux with a 4GeV threshold in the ANTARES neutrino telescope. <i>Astroparticle Physics</i> , 2010 , 33, 86-90	2.4	31
100	Measurement of the triple-gluon vertex from 4-jet events at LEP. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1993 , 59, 357-368		31
99	Sensitivity of the KM3NeT/ARCA neutrino telescope to point-like neutrino sources. <i>Astroparticle Physics</i> , 2019 , 111, 100-110	2.4	29
98	All-flavor Search for a Diffuse Flux of Cosmic Neutrinos with Nine Years of ANTARES Data. <i>Astrophysical Journal Letters</i> , 2018 , 853, L7	7.9	29
97	A first search for coincident gravitational waves and high energy neutrinos using LIGO, Virgo and ANTARES data from 2007. <i>Journal of Cosmology and Astroparticle Physics</i> , 2013 , 2013, 008-008	6.4	29
96	The reaction $e+e \rightarrow \mu\mu$ at Z0 energies. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1991 , 268, 296-304	4.2	29
95	Limits on the production of scalar leptoquarks from Z0 decays at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993 , 316, 620-630	4.2	29
94	Measurement of inclusive production of light meson resonances in hadronic decays of the Z0. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993 , 298, 236-246	4.2	29
93	A measurement of $\sin^2\theta_W$ from the charge asymmetry of hadronic events at the Z0 peak. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992 , 277, 371-382	4.2	26
92	The prototype detection unit of the KM3NeT detector. <i>European Physical Journal C</i> , 2016 , 76, 1	4.2	25
91	Constraints on the neutrino emission from the Galactic Ridge with the ANTARES telescope. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 760, 143-148	4.2	25
90	New constraints on all flavor Galactic diffuse neutrino emission with the ANTARES telescope. <i>Physical Review D</i> , 2017 , 96,	4.9	24

89	Measurement of B production and lifetime in Z^0 hadronic decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993 , 311, 379-390	4.2	24
88	Search for Multimessenger Sources of Gravitational Waves and High-energy Neutrinos with Advanced LIGO during Its First Observing Run, ANTARES, and IceCube. <i>Astrophysical Journal</i> , 2019 , 870, 134	4.7	23
87	A search for neutrino emission from the Fermi bubbles with the ANTARES telescope. <i>European Physical Journal C</i> , 2014 , 74, 1	4.2	23
86	Multiplicity fluctuations in hadronic final states from the decay of the Z^0 . <i>Nuclear Physics B</i> , 1992 , 386, 471-492	2.8	23
85	Detection potential of the KM3NeT detector for high-energy neutrinos from the Fermi bubbles. <i>Astroparticle Physics</i> , 2013 , 42, 7-14	2.4	22
84	Search for scalar leptoquarks from Z^0 decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992 , 275, 222-230	4.2	22
83	Search for scalar quarks in Z^0 decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990 , 247, 148-156	4.2	22
82	A search for Secluded Dark Matter in the Sun with the ANTARES neutrino telescope. <i>Journal of Cosmology and Astroparticle Physics</i> , 2016 , 2016, 016-016	6.4	21
81	Search of dark matter annihilation in the galactic centre using the ANTARES neutrino telescope. <i>Journal of Cosmology and Astroparticle Physics</i> , 2015 , 2015, 068-068	6.4	21
80	Searches for heavy neutrinos from Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992 , 274, 230-238	4.2	21
79	Optical and X-ray early follow-up of ANTARES neutrino alerts. <i>Journal of Cosmology and Astroparticle Physics</i> , 2016 , 2016, 062-062	6.4	20
78	Measurement of the partial width of the decay of the Z^0 into charm quark pairs. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990 , 252, 140-148	4.2	20
77	Measurements of the lineshape of the Z^0 and determination of electroweak parameters from its hadronic and leptonic decays. <i>Nuclear Physics B</i> , 1994 , 417, 3-57	2.8	19
76	A measurement of the b forward-backward asymmetry using the semileptonic decay into muons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992 , 276, 536-546	4.2	19
75	Determination of B for b quarks at the Z^0 resonance. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993 , 307, 221-236	4.2	19
74	The Search for Neutrinos from TXS 0506+056 with the ANTARES Telescope. <i>Astrophysical Journal Letters</i> , 2018 , 863, L30	7.9	19
73	Sperm whale long-range echolocation sounds revealed by ANTARES, a deep-sea neutrino telescope. <i>Scientific Reports</i> , 2017 , 7, 45517	4.9	17
72	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	5.4	17

71	A measurement of the lifetime of the tau lepton. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1991 , 267, 422-430	4.2	17
70	Search for high-energy neutrinos from bright GRBs with ANTARES. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 , 469, 906-915	4.3	16
69	Search for neutrino emission from gamma-ray flaring blazars with the ANTARES telescope. <i>Astroparticle Physics</i> , 2012 , 36, 204-210	2.4	16
68	A measurement of the tau lifetime. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993 , 302, 356-368	4.2	16
67	Measurement of the average lifetime of b hadrons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993 , 317, 474-484	4.2	16
66	A measurement of the mean lifetimes of charged and neutral B-hadrons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993 , 312, 253-266	4.2	15
65	A study of B_{00} mixing using semileptonic decays of B hadrons produced from Z0. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993 , 301, 145-154	4.2	15
64	Search for the t and b quarks in hadronic decays of the Z0 boson. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990 , 242, 536-546	4.2	15
63	Search for dark matter annihilation in the earth using the ANTARES neutrino telescope. <i>Physics of the Dark Universe</i> , 2017 , 16, 41-48	4.4	14
62	Hadronic shower development in Iron-Scintillator Tile Calorimetry. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2000 , 443, 51-70	1.2	14
61	Characterisation of the Hamamatsu photomultipliers for the KM3NeT Neutrino Telescope. <i>Journal of Instrumentation</i> , 2018 , 13, P05035-P05035	1	14
60	Study of orientation of three-jet events in Z0 hadronic decays using the DELPHI detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992 , 274, 498-506	4.2	13
59	ANTARES and IceCube Combined Search for Neutrino Point-like and Extended Sources in the Southern Sky. <i>Astrophysical Journal</i> , 2020 , 892, 92	4.7	13
58	ANTARES constrains a blazar origin of two IceCube PeV neutrino events. <i>Astronomy and Astrophysics</i> , 2015 , 576, L8	5.1	13
57	Search for dark matter towards the Galactic Centre with 11 years of ANTARES data. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2020 , 805, 135439	4.2	12
56	Expansion cone for the 3-inch PMTs of the KM3NeT optical modules. <i>Journal of Instrumentation</i> , 2013 , 8, T03006-T03006	1	12
55	Acoustic and optical variations during rapid downward motion episodes in the deep north-western Mediterranean Sea. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2011 , 58, 875-884	2.5	12
54	Interference of neutral kaons in the hadronic decays of the Z0. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1994 , 323, 242-252	4.2	12

53	Dependence of atmospheric muon flux on seawater depth measured with the first KM3NeT detection units. <i>European Physical Journal C</i> , 2020 , 80, 1	4.2	11
52	All-sky search for high-energy neutrinos from gravitational wave event GW170104 with the Antares neutrino telescope. <i>European Physical Journal C</i> , 2017 , 77, 1	4.2	11
51	First results on dark matter annihilation in the Sun using the ANTARES neutrino telescope. <i>Journal of Cosmology and Astroparticle Physics</i> , 2013 , 2013, 032-032	6.4	11
50	Studies of a full-scale mechanical prototype line for the ANTARES neutrino telescope and tests of a prototype instrument for deep-sea acoustic measurements. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2007 , 581, 695-708	1.2	11
49	Combined search for neutrinos from dark matter self-annihilation in the Galactic Center with ANTARES and IceCube. <i>Physical Review D</i> , 2020 , 102,	4.9	11
48	The KM3NeT potential for the next core-collapse supernova observation with neutrinos. <i>European Physical Journal C</i> , 2021 , 81, 1	4.2	11
47	Measuring the atmospheric neutrino oscillation parameters and constraining the 3+1 neutrino model with ten years of ANTARES data. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	10
46	KM3NeT front-end and readout electronics system: hardware, firmware, and software. <i>Journal of Astronomical Telescopes, Instruments, and Systems</i> , 2019 , 5, 1	1.1	10
45	An algorithm for the reconstruction of high-energy neutrino-induced particle showers and its application to the ANTARES neutrino telescope. <i>European Physical Journal C</i> , 2017 , 77, 419	4.2	9
44	SEARCH FOR A CORRELATION BETWEEN ANTARES NEUTRINOS AND PIERRE AUGER OBSERVATORY UHECRs ARRIVAL DIRECTIONS. <i>Astrophysical Journal</i> , 2013 , 774, 19	4.7	9
43	Measurement of the mixing using the average electric charge of hadron-jets in Z0-decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1994 , 322, 459-472	4.2	9
42	A study of the reaction $e+e \rightarrow b\bar{b}$ around the Z0 pole. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1991 , 260, 240-248	4.2	9
41	Measurement of the Z0 branching fraction to b quark pairs using the boosted sphericity product. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992 , 281, 383-393	4.2	9
40	MURCHISON WIDEFIELD ARRAY LIMITS ON RADIO EMISSION FROM ANTARES NEUTRINO EVENTS. <i>Astrophysical Journal Letters</i> , 2016 , 820, L24	7.9	8
39	Search for relativistic magnetic monopoles with five years of the ANTARES detector data. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	8
38	An Algorithm for the Reconstruction of Neutrino-induced Showers in the ANTARES Neutrino Telescope. <i>Astronomical Journal</i> , 2017 , 154, 275	4.9	8
37	Searches for clustering in the time integrated skymap of the ANTARES neutrino telescope. <i>Journal of Cosmology and Astroparticle Physics</i> , 2014 , 2014, 001-001	6.4	8
36	A search for lepton flavour violation in Z0 decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993 , 298, 247-256	4.2	8

35	gSeaGen: The KM3NeT GENIE-based code for neutrino telescopes. <i>Computer Physics Communications</i> , 2020 , 256, 107477	4.2	8
34	The cosmic ray shadow of the Moon observed with the ANTARES neutrino telescope. <i>European Physical Journal C</i> , 2018 , 78, 1006	4.2	8
33	Search for Z0 decays to two leptons and a charged particle-antiparticle pair. <i>Nuclear Physics B</i> , 1993 , 403, 3-24	2.8	7
32	The search for high-energy neutrinos coincident with fast radio bursts with the ANTARES neutrino telescope. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 482, 184-193	4.3	7
31	Long-term monitoring of the ANTARES optical module efficiencies using (^{40}K) decays in sea water. <i>European Physical Journal C</i> , 2018 , 78, 1	4.2	7
30	Time-dependent search for neutrino emission from X-ray binaries with the ANTARES telescope. <i>Journal of Cosmology and Astroparticle Physics</i> , 2017 , 2017, 019-019	6.4	6
29	Stacked search for time shifted high energy neutrinos from gamma ray bursts with the Antares neutrino telescope. <i>European Physical Journal C</i> , 2017 , 77, 1	4.2	6
28	Search for muon-neutrino emission from GeV and TeV gamma-ray flaring blazars using five years of data of the ANTARES telescope. <i>Journal of Cosmology and Astroparticle Physics</i> , 2015 , 2015, 014-014	6.4	6
27	Multiplicity dependence of mean transverse momentum in $e+e$ annihilations at LEP energies. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992 , 276, 254-262	4.2	6
26	First search for neutrinos in correlation with gamma-ray bursts with the ANTARES neutrino telescope. <i>Journal of Cosmology and Astroparticle Physics</i> , 2013 , 2013, 006-006	6.4	5
25	Constraining the contribution of Gamma-Ray Bursts to the high-energy diffuse neutrino flux with 10 yr of ANTARES data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 500, 5614-5628	4.3	5
24	ANTARES Search for Point Sources of Neutrinos Using Astrophysical Catalogs: A Likelihood Analysis. <i>Astrophysical Journal</i> , 2021 , 911, 48	4.7	5
23	Time calibration with atmospheric muon tracks in the ANTARES neutrino telescope. <i>Astroparticle Physics</i> , 2016 , 78, 43-51	2.4	5
22	Event reconstruction for KM3NeT/ORCA using convolutional neural networks. <i>Journal of Instrumentation</i> , 2020 , 15, P10005-P10005	1	4
21	Search for neutrino counterparts of gravitational-wave events detected by LIGO and Virgo during run O2 with the ANTARES telescope. <i>European Physical Journal C</i> , 2020 , 80, 1	4.2	4
20	Constraining the neutrino emission of gravitationally lensed Flat-Spectrum Radio Quasars with ANTARES data. <i>Journal of Cosmology and Astroparticle Physics</i> , 2014 , 2014, 017-017	6.4	4
19	Measurement of the atmospheric $\bar{\nu}_\mu$ and ν_μ energy spectra with the ANTARES neutrino telescope. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2021 , 816, 136228	4.2	4
18	A method to stabilise the performance of negatively fed KM3NeT photomultipliers. <i>Journal of Instrumentation</i> , 2016 , 11, P12014-P12014	1	4

17	Architecture and performance of the KM3NeT front-end firmware. <i>Journal of Astronomical Telescopes, Instruments, and Systems</i> , 2021 , 7,	1.1	4
16	Monte Carlo simulations for the ANTARES underwater neutrino telescope. <i>Journal of Cosmology and Astroparticle Physics</i> , 2021 , 2021, 064-064	6.4	4
15	Letter of interest for a neutrino beam from Protvino to KM3NeT/ORCA. <i>European Physical Journal C</i> , 2019 , 79, 1	4.2	3
14	ANTARES Neutrino Search for Time and Space Correlations with IceCube High-energy Neutrino Events. <i>Astrophysical Journal</i> , 2019 , 879, 108	4.7	3
13	Search for Neutrinos from the Tidal Disruption Events AT2019dsg and AT2019fdr with the ANTARES Telescope. <i>Astrophysical Journal</i> , 2021 , 920, 50	4.7	3
12	Deep-sea deployment of the KM3NeT neutrino telescope detection units by self-unrolling. <i>Journal of Instrumentation</i> , 2020 , 15, P11027-P11027	1	3
11	The Control Unit of the KM3NeT Data Acquisition System. <i>Computer Physics Communications</i> , 2020 , 256, 107433	4.2	3
10	A Search for Cosmic Neutrino and Gamma-Ray Emitting Transients in 7.3 yr of ANTARES and Fermi LAT Data. <i>Astrophysical Journal</i> , 2019 , 886, 98	4.7	3
9	Measurement of the group velocity of light in sea water at the ANTARES site. <i>Astroparticle Physics</i> , 2012 , 35, 552-557	2.4	2
8	ANTARES upper limits on the multi-TeV neutrino emission from the GRBs detected by IACTs. <i>Journal of Cosmology and Astroparticle Physics</i> , 2021 , 2021, 092	6.4	2
7	A method for detection of muon induced electromagnetic showers with the ANTARES detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2012 , 675, 56-62	1.2	1
6	Observation of the cosmic ray shadow of the Sun with the ANTARES neutrino telescope. <i>Physical Review D</i> , 2020 , 102,	4.9	1
5	Physics Demos for All UVEG Degrees: A Unique Project in Spain. <i>Procedia, Social and Behavioral Sciences</i> , 2016 , 228, 628-632		1
4	Model-independent search for neutrino sources with the ANTARES neutrino telescope. <i>Astroparticle Physics</i> , 2020 , 114, 35-47	2.4	1
3	Sensitivity to light sterile neutrino mixing parameters with KM3NeT/ORCA. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	0
2	Measuring radon concentration in air using a diffusion cloud chamber. <i>American Journal of Physics</i> , 2011 , 79, 903-908	0.7	
1	Science with Neutrino Telescopes in Spain. <i>Universe</i> , 2022 , 8, 89	2.5	