

# Juan Jos Hernandez-Rey

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/3126909/juan-jose-hernandez-rey-publications-by-citations.pdf>

**Version:** 2024-04-26

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

293  
papers

46,712  
citations

49  
h-index

215  
g-index

298  
ext. papers

51,227  
ext. citations

4.1  
avg, IF

8.45  
L-index

#	Paper	IF	Citations
293	Review of Particle Physics. <i>Chinese Physics C</i> , <b>2014</b> , 38, 090001	2.2	5549
292	Review of Particle Physics*. <i>Physical Review D</i> , <b>2018</b> , 98,	4.9	4401
291	Review of Particle Physics. <i>Journal of Physics G: Nuclear and Particle Physics</i> , <b>2010</b> , 37, 075021	2.9	4379
290	Review of Particle Physics. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2004</b> , 592, 1-5	4.2	3560
289	Review of Particle Physics. <i>Journal of Physics G: Nuclear and Particle Physics</i> , <b>2006</b> , 33, 1-1232	2.9	3486
288	Review of Particle Physics. <i>Chinese Physics C</i> , <b>2016</b> , 40, 100001	2.2	3442
287	Review of Particle Properties. <i>Physical Review D</i> , <b>2002</b> , 66,	4.9	2767
286	Multi-messenger Observations of a Binary Neutron Star Merger. <i>Astrophysical Journal Letters</i> , <b>2017</b> , 848, L12	7.9	1935
285	Review of Particle Physics. <i>Physical Review D</i> , <b>1996</b> , 54, 1-708	4.9	1759
284	Review of particle properties. <i>Physical Review D</i> , <b>1994</b> , 50, 1173-1826	4.9	1377
283	Review of Particle Physics. <i>Progress of Theoretical and Experimental Physics</i> , <b>2020</b> , 2020,	5.4	1112
282	Precision electroweak measurements on the Z resonance. <i>Physics Reports</i> , <b>2006</b> , 427, 257-454	27.7	730
281	Review of particle properties. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1988</b> , 204, 1	4.2	693
280	ANTARES: The first undersea neutrino telescope. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2011</b> , 656, 11-38	1.2	363
279	Letter of intent for KM3NeT 2.0. <i>Journal of Physics G: Nuclear and Particle Physics</i> , <b>2016</b> , 43, 084001	2.9	333
278	Measurement of the mass and width of the Z <sup>0</sup> -particle from multihadronic final states produced in e <sup>+</sup> e <sup>-</sup> annihilations. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1989</b> , 231, 539-547	4.2	191
277	The ANTARES optical module. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2002</b> , 484, 369-383	1.2	134

276	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> , <b>2018</b> , 475, 1427-1446	4.3	126
275	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> , <b>2007</b> , 570, 107-116	1.2	113
274	Search for High-energy Neutrinos from Binary Neutron Star Merger GW170817 with ANTARES, IceCube, and the Pierre Auger Observatory. <i>Astrophysical Journal Letters</i> , <b>2017</b> , 850, L35	7.9	104
273	SEARCH FOR COSMIC NEUTRINO POINT SOURCES WITH FOUR YEARS OF DATA FROM THE ANTARES TELESCOPE. <i>Astrophysical Journal</i> , <b>2012</b> , 760, 53	4.7	90
272	Study of hadronic decays of the Z0 boson. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1990</b> , 240, 271-282	4.2	89
271	SEARCHES FOR POINT-LIKE AND EXTENDED NEUTRINO SOURCES CLOSE TO THE GALACTIC CENTER USING THE ANTARES NEUTRINO TELESCOPE. <i>Astrophysical Journal Letters</i> , <b>2014</b> , 786, L5	7.9	83
270	High-energy neutrino follow-up search of gravitational wave event GW150914 with ANTARES and IceCube. <i>Physical Review D</i> , <b>2016</b> , 93,	4.9	80
269	Transmission of light in deep sea water at the site of the Antares neutrino telescope. <i>Astroparticle Physics</i> , <b>2005</b> , 23, 131-155	2.4	79
268	D-meson production in 800-GeV/c pp interactions. <i>Physical Review Letters</i> , <b>1988</b> , 61, 2185-2188	7.4	78
267	First results of the Instrumentation Line for the deep-sea ANTARES neutrino telescope. <i>Astroparticle Physics</i> , <b>2006</b> , 26, 314-324	2.4	76
266	Observation of orbitally excited B mesons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1995</b> , 345, 598-608	4.2	75
265	A study of intermittency in hadronic Z0 decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1990</b> , 247, 137-147	4.2	69
264	Time calibration of the ANTARES neutrino telescope. <i>Astroparticle Physics</i> , <b>2011</b> , 34, 539-549	2.4	67
263	Bose-Einstein correlations in the hadronic decays of the Z0. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1992</b> , 286, 201-210	4.2	66
262	$(\pi^{\pm})$ , $(K^{\pm})$ , p and $(\overline{p})$ production in $(Z^0 \rightarrow \overline{q}q)$ , $(Z^0 \rightarrow \overline{b}b)$ , $(Z^0 \rightarrow \overline{u}u)$ , $(\overline{d})$ , $(\overline{s})$ <b>1998</b> , 5, 585		65
261	Inclusive properties of D mesons produced in 360 GeV interactions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1985</b> , 161, 400-406	4.2	64
260	A fast algorithm for muon track reconstruction and its application to the ANTARES neutrino telescope. <i>Astroparticle Physics</i> , <b>2011</b> , 34, 652-662	2.4	63
259	Determination of Z0 resonance parameters and couplings from its hadronic and leptonic decays. <i>Nuclear Physics B</i> , <b>1991</b> , 367, 511-574	2.8	62

258	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> , <b>2005</b> , 555, 132-141	1.2	61
257	Search for the Standard Model Higgs boson at LEP in the year 2000. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2001</b> , 499, 23-37	4.2	61
256	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> , <b>1990</b> , 247, 167-176	4.2	61
255	Measurement of atmospheric neutrino oscillations with the ANTARES neutrino telescope. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2012</b> , 714, 224-230	4.2	58
254	A search for sleptons and gauginos in Z0 decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1990</b> , 247, 157-166	4.2	58
253	Search for a diffuse flux of high-energy . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2011</b> , 696, 16-22	4.2	56
252	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> , <b>1990</b> , 241, 435-448	4.2	56
251	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> , <b>2016</b> , 759, 69-74	4.2	56
250	Search for muon neutrinos from gamma-ray bursts with the ANTARES neutrino telescope using 2008 to 2011 data. <i>Astronomy and Astrophysics</i> , <b>2013</b> , 559, A9	5.1	50
249	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> , <b>2011</b> , 626-627, 128-143	1.2	50
248	D-Meson production from 400 GeV/c pp interactions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1987</b> , 189, 476-482	4.2	50
247	The ANTARES optical beacon system. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2007</b> , 578, 498-509	1.2	49
246	D meson branching ratios and hadronic charm production cross sections. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1984</b> , 135, 237-242	4.2	49
245	Measurement of the atmospheric energy spectrum from 100 GeV to 200 TeV with the ANTARES telescope. <i>European Physical Journal C</i> , <b>2013</b> , 73, 1	4.2	48
244	Measurement and interpretation of fermion-pair production at LEP energies of 183 and 189 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2000</b> , 485, 45-61	4.2	47
243	Energy dependence of event shapes and of Bs at LEP 2. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1999</b> , 456, 322-340	4.2	47
242	Deep-sea bioluminescence blooms after dense water formation at the ocean surface. <i>PLoS ONE</i> , <b>2013</b> , 8, e67523	3.7	46
241	Sedimentation and fouling of optical surfaces at the ANTARES site. <i>Astroparticle Physics</i> , <b>2003</b> , 19, 253-267		46

240	Zenith distribution and flux of atmospheric muons measured with the 5-line ANTARES detector. <i>Astroparticle Physics</i> , <b>2010</b> , 34, 179-184	2.4	45
239	First all-flavor neutrino pointlike source search with the ANTARES neutrino telescope. <i>Physical Review D</i> , <b>2017</b> , 96,	4.9	44
238	mb at MZ. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1998</b> , 418, 430-442	4.2	44
237	Search for pair production of neutral Higgs bosons in Z0 decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1990</b> , 245, 276-288	4.2	44
236	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> , <b>2010</b> , 622, 59-73	1.2	43
235	Production of strange particles in the hadronic decays of the Z0. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1992</b> , 275, 231-242	4.2	41
234	Production of $\Lambda$ and $\Sigma$ correlations in the hadronic decays of the Z0. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1993</b> , 318, 249-262	4.2	41
233	Measurement and interpretation of the W-pair cross-section in e+e $\gamma$ interactions at 161 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1997</b> , 397, 158-170	4.2	40
232	Experimental study of the triple-gluon vertex. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1991</b> , 255, 466-476	4.2	40
231	Determination of $\beta_S$ from the scaling violation in the fragmentation functions in e+e $\gamma$ annihilation. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1993</b> , 311, 408-424	4.2	40
230	THE FIRST COMBINED SEARCH FOR NEUTRINO POINT-SOURCES IN THE SOUTHERN HEMISPHERE WITH THE ANTARES AND ICECUBE NEUTRINO TELESCOPES. <i>Astrophysical Journal</i> , <b>2016</b> , 823, 65	4.7	40
229	A polarized fast radio burst at low Galactic latitude. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> ,	4.3	39
228	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> , <b>2017</b> , 769, 249-254	4.2	38
227	Search for relativistic magnetic monopoles with the ANTARES neutrino telescope. <i>Astroparticle Physics</i> , <b>2012</b> , 35, 634-640	2.4	38
226	Search for new phenomena using single photon events at LEP1. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1997</b> , 74, 577-586		38
225	A search for neutral Higgs particles in Z0 decays. <i>Nuclear Physics B</i> , <b>1992</b> , 373, 3-34	2.8	38
224	Performance of the first ANTARES detector line. <i>Astroparticle Physics</i> , <b>2009</b> , 31, 277-283	2.4	37
223	Improved measurements of cross sections and asymmetries at the Z0 resonance. <i>Nuclear Physics B</i> , <b>1994</b> , 418, 403-427	2.8	37

222	Energy-energy correlations in hadronic final states from Z0 decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1990</b> , 252, 149-158	4.2	37
221	Lifetime measurement of charm mesons produced in $\bar{p}$ and pp interactions at 360 GeV/c. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1983</b> , 122, 312-316	4.2	37
220	The positioning system of the ANTARES Neutrino Telescope. <i>Journal of Instrumentation</i> , <b>2012</b> , 7, T08002-T08006	4.2	36
219	The scale dependence of the hadron multiplicity in quark and gluon jets and a precise determination of CA/CF. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1999</b> , 449, 383-400	4.2	36
218	Production of charged particles, KS0, K $\pm$ , p and $\bar{\Lambda}$ in events and in the decay of b hadrons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1995</b> , 347, 447-466	4.2	36
217	Evidence for BS0 meson production in Z0 decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1992</b> , 289, 199-210	4.2	36
216	Search for heavy charged scalars in Z0 decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1990</b> , 241, 449-458	4.2	36
215	The ANTARES telescope neutrino alert system. <i>Astroparticle Physics</i> , <b>2012</b> , 35, 530-536	2.4	35
214	FIRST SEARCH FOR POINT SOURCES OF HIGH-ENERGY COSMIC NEUTRINOS WITH THE ANTARES NEUTRINO TELESCOPE. <i>Astrophysical Journal Letters</i> , <b>2011</b> , 743, L14	7.9	35
213	Joint Constraints on Galactic Diffuse Neutrino Emission from the ANTARES and IceCube Neutrino Telescopes. <i>Astrophysical Journal Letters</i> , <b>2018</b> , 868, L20	7.9	35
212	Deep sea tests of a prototype of the KM3NeT digital optical module. <i>European Physical Journal C</i> , <b>2014</b> , 74, 1	4.2	34
211	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> , <b>1992</b> , 295, 383-395	4.2	34
210	Measurement of the W-pair cross-section and of the W mass in ( $\mathit{e}^+ \mathit{e}^-$ ) interactions at 172 GeV <b>1998</b> , 2, 581		34
209	First evidence for a charm radial excitation, D. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1998</b> , 426, 231-242	4.2	33
208	Charm D-meson production in 360 GeV/c pp interactions; comparison with $\bar{p}$ at the same energy. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1983</b> , 123, 103-107	4.2	33
207	Search for high-energy neutrinos from gravitational wave event GW151226 and candidate LVT151012 with ANTARES and IceCube. <i>Physical Review D</i> , <b>2017</b> , 96,	4.9	32
206	Measurement of Vcb from the decay process B 0-D*+ $\pi$ <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2001</b> , 510, 55-74	4.2	32
205	Multiplicity of charged particles in 800 GeV p-p interactions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1986</b> , 178, 124-128	4.2	32



204	Measurement of the atmospheric muon flux with a 4GeV threshold in the ANTARES neutrino telescope. <i>Astroparticle Physics</i> , <b>2010</b> , 33, 86-90	2.4	31
203	Study of the leptonic decays of the Z0 boson. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1990</b> , 241, 425-434	4.2	30
202	Sensitivity of the KM3NeT/ARCA neutrino telescope to point-like neutrino sources. <i>Astroparticle Physics</i> , <b>2019</b> , 111, 100-110	2.4	29
201	All-flavor Search for a Diffuse Flux of Cosmic Neutrinos with Nine Years of ANTARES Data. <i>Astrophysical Journal Letters</i> , <b>2018</b> , 853, L7	7.9	29
200	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> , <b>2013</b> , 2013, 008-008	6.4	29
199	Energy dependence of inclusive spectra in e+e-annihilation. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1999</b> , 459, 397-411	4.2	29
198	The reaction e+e- → J/ψ at Z0 energies. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1991</b> , 268, 296-304	4.2	29
197	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> , <b>1993</b> , 316, 620-630	4.2	29
196	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> , <b>1993</b> , 298, 236-246	4.2	29
195	Measurement of the spin density matrix for the ϕ0, K*0(892) and F produced in Z0 decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1997</b> , 406, 271-286	4.2	28
194	Measurement of trilinear gauge couplings in e+e- collisions at 161 GeV and 172 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1998</b> , 423, 194-206	4.2	28
193	Search for Leptoquarks and FCNC in e+e- annihilations at s=183 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1999</b> , 446, 62-74	4.2	28
192	J/ψ production in the hadronic decays of the Z. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1994</b> , 341, 109-122	4.2	28
191	Measurement of the gluon fragmentation function and a comparison of the scaling violation in gluon and quark jets <b>2000</b> , 13, 573		28
190	D correlations in 360 GeV/c p interactions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1985</b> , 164, 404-409	4.2	27
189	Search for the Bc meson. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1997</b> , 398, 207-222	4.2	26
188	A study of the hadronic resonance structure in the decay B → ππ. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1998</b> , 426, 411-427	4.2	26
187	Measurement of trilinear gauge boson couplings WWV, (V?Z, γ) in e+e- collisions at 189 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2001</b> , 502, 9-23	4.2	26

186	Search for the standard model Higgs boson in Z0 decays. <i>Nuclear Physics B</i> , <b>1994</b> , 421, 3-37	2.8	26
185	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> , <b>1992</b> , 277, 371-382	4.2	26
184	Search for composite and exotic fermions at LEP 2 <b>1999</b> , 8, 41		26
183	The prototype detection unit of the KM3NeT detector. <i>European Physical Journal C</i> , <b>2016</b> , 76, 1	4.2	25
182	Determination of $ V_{ub} / V_{cb} $ with DELPHI at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2000</b> , 478, 14-30	4.2	25
181	The European hybrid spectrometer. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>1987</b> , 258, 26-50	1.2	25
180	Neutral d-meson properties in 360 GeV/c $\bar{p}$ interactions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1984</b> , 146, 266-272	4.2	25
179	Measurement and interpretation of fermion-pair production at LEP energies from 130 to 172 GeV <b>1999</b> , 11, 383		25
178	A precise measurement of the partial decay width ratio $(R_{\mathbf{b}})^0 = \Gamma_{\mathbf{b}\bar{\mathbf{b}}}/\Gamma_{\mathbf{had}}$ <b>1999</b> , 10, 415		25
177	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> , <b>2016</b> , 760, 143-148	4.2	25
176	New constraints on all flavor Galactic diffuse neutrino emission with the ANTARES telescope. <i>Physical Review D</i> , <b>2017</b> , 96,	4.9	24
175	Measurement of correlations between pions from different W $\bar{W}$ in $e^+e^-W^+W^-$ events. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1997</b> , 401, 181-191	4.2	24
174	A search for heavy stable and long-lived squarks and sleptons in $e^+e^-$ collisions at energies from 130 to 183 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1998</b> , 444, 491-502	4.2	24
173	Search for a fermiophobic Higgs at LEP 2. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2001</b> , 507, 89-103	4.2	24
172	Measurement of $\bar{B}$ production and lifetime in Z0 hadronic decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1993</b> , 311, 379-390	4.2	24
171	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> , <b>2019</b> , 870, 134	4.7	23
170	A search for neutrino emission from the Fermi bubbles with the ANTARES telescope. <i>European Physical Journal C</i> , <b>2014</b> , 74, 1	4.2	23
169	Measurement of the $(\mathbf{B}^0_{\mathbf{s}})$ lifetime and study of $(\mathbf{B}^0_{\mathbf{s}})-(\overline{\mathbf{B}^0_{\mathbf{s}}})$ oscillations using $(\mathbf{D}_{\mathbf{s}}^{\pm})$ events. <i>European Physical Journal C</i> , <b>2000</b> , 16, 555-578	4.2	23



168	PARTICLE PHYSICS SUMMARY A Digest of the 1996 Review of Particle Physics. <i>Reviews of Modern Physics</i> , <b>1996</b> , 68, 611-732	40.5	23
167	Multiplicity fluctuations in hadronic final states from the decay of the Z <sup>0</sup> . <i>Nuclear Physics B</i> , <b>1992</b> , 386, 471-492	2.8	23
166	Detection potential of the KM3NeT detector for high-energy neutrinos from the Fermi bubbles. <i>Astroparticle Physics</i> , <b>2013</b> , 42, 7-14	2.4	22
165	Search for scalar leptoquarks from Z <sup>0</sup> decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1992</b> , 275, 222-230	4.2	22
164	Search for scalar quarks in Z <sup>0</sup> decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1990</b> , 247, 148-156	4.2	22
163	A search for Secluded Dark Matter in the Sun with the ANTARES neutrino telescope. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2016</b> , 2016, 016-016	6.4	21
162	Search of dark matter annihilation in the galactic centre using the ANTARES neutrino telescope. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2015</b> , 2015, 068-068	6.4	21
161	Measurement of the multiplicity of gluons splitting to bottom quark pairs in hadronic Z <sup>0</sup> decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1997</b> , 405, 202-214	4.2	21
160	Measurement of  V <sub>cs</sub>   using W decays at LEP2. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1998</b> , 439, 209-224	4.2	21
159	Search for heavy stable and long-lived particles in e <sup>+</sup> e <sup>-</sup> collisions at GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2000</b> , 478, 65-72	4.2	21
158	Measurement of inclusive $\bar{D}$ , f <sub>0</sub> (980), f <sub>2</sub> (1270), K and f <sub>2</sub> '(1525) production in Z <sup>0</sup> decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1999</b> , 449, 364-382	4.2	21
157	Searches for heavy neutrinos from Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1992</b> , 274, 230-238	4.2	21
156	Measurement of the quark and gluon fragmentation functions in Z <sup>(^0)</sup> hadronic decays <b>1999</b> , 6, 19		21
155	Optical and X-ray early follow-up of ANTARES neutrino alerts. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2016</b> , 2016, 062-062	6.4	20
154	Measurements of the trilinear gauge boson couplings WWV (V=Z) in e <sup>+</sup> e <sup>-</sup> collisions at 183 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1999</b> , 459, 382-396	4.2	20
153	Measurement of the partial width of the decay of the Z <sup>0</sup> into charm quark pairs. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1990</b> , 252, 140-148	4.2	20
152	Measurements of the lineshape of the Z <sup>0</sup> and determination of electroweak parameters from its hadronic and leptonic decays. <i>Nuclear Physics B</i> , <b>1994</b> , 417, 3-57	2.8	19
151	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> , <b>1992</b> , 276, 536-546	4.2	19

150	Determination of $\Gamma_S$ for b quarks at the Z0 resonance. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1993</b> , 307, 221-236	4.2	19
149	Measurement of D-meson branching ratios. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1986</b> , 168, 170-180	4.2	19
148	The Search for Neutrinos from TXS 0506+056 with the ANTARES Telescope. <i>Astrophysical Journal Letters</i> , <b>2018</b> , 863, L30	7.9	19
147	The expectation maximization algorithm applied to the search of point sources of astroparticles. <i>Astroparticle Physics</i> , <b>2008</b> , 29, 117-124	2.4	18
146	W pair production cross-section and W branching fractions in e+e- interactions at 189 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2000</b> , 479, 89-100	4.2	18
145	Measurement of the rate of events in hadronic Z decays and the extraction of the gluon splitting into. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1999</b> , 462, 425-439	4.2	18
144	D-meson production from 400 GeV/c p-p interactions evidence for leading di-quarks?. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1988</b> , 201, 176-182	4.2	18
143	Sperm whale long-range echolocation sounds revealed by ANTARES, a deep-sea neutrino telescope. <i>Scientific Reports</i> , <b>2017</b> , 7, 45517	4.9	17
142	Intrinsic limits on resolutions in muon- and electron-neutrino charged-current events in the KM3NeT/ORCA detector. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	17
141	A search for $\chi_c$ production in photon-photon fusion at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1998</b> , 441, 479-490	4.2	17
140	Search for SUSY with R-parity violating couplings at GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2000</b> , 487, 36-52	4.2	17
139	A measurement of the lifetime of the tau lepton. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1991</b> , 267, 422-430	4.2	17
138	Search for high-energy neutrinos from bright GRBs with ANTARES. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 469, 906-915	4.3	16
137	Search for neutrino emission from gamma-ray flaring blazars with the ANTARES telescope. <i>Astroparticle Physics</i> , <b>2012</b> , 36, 204-210	2.4	16
136	Measurement of B <sup>0</sup> d - oscillations. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1997</b> , 76, 579-598		16
135	A measurement of $\Gamma_S$ from the scaling violation in e+e- annihilation. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1997</b> , 398, 194-206	4.2	16
134	A study of the Lorentz structure in tau decays. <i>European Physical Journal C</i> , <b>2000</b> , 16, 229-252	4.2	16
133	Measurement of the mass of the W boson using direct reconstruction at $\sqrt{s} = 183$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1999</b> , 462, 410-424	4.2	16

132	A measurement of the tau lifetime. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1993</b> , 302, 356-368	4.2	16
131	$\bar{D}$ production characteristics in proton-proton interactions at. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1987</b> , 199, 462-468	4.2	16
130	Hadronization properties of b quarks compared to light quarks in from 183 to 200 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2000</b> , 479, 118-128	4.2	15
129	Search for the Higgs boson in events with isolated photons at LEP 2. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1999</b> , 458, 431-446	4.2	15
128	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> , <b>1993</b> , 312, 253-266	4.2	15
127	A study of $B^0\bar{D}^0$ mixing using semileptonic decays of B hadrons produced from $Z^0$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1993</b> , 301, 145-154	4.2	15
126	Search for the t and b quarks in hadronic decays of the $Z^0$ boson. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1990</b> , 242, 536-546	4.2	15
125	Lifetime measurement of $\bar{D}$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1987</b> , 189, 254-259	4.2	15
124	Search for charginos nearly mass-degenerate with the lightest neutralino <b>1999</b> , 11, 1		15
123	Search for dark matter annihilation in the earth using the ANTARES neutrino telescope. <i>Physics of the Dark Universe</i> , <b>2017</b> , 16, 41-48	4.4	14
122	Measurement of the mass and width of the W boson in $e^+e^-$ collisions at $\sqrt{s}$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2001</b> , 511, 159-177	4.2	14
121	Determination of the $e^+e^-$ cross-section at centre-of-mass energies ranging from 189 GeV to 202 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2000</b> , 491, 67-80	4.2	14
120	Search for supersymmetric partners of top and bottom quarks at $\sqrt{s}$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2000</b> , 496, 59-75	4.2	14
119	Search for charginos, neutralinos and gravitinos in $e^+e^-$ interactions at GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1999</b> , 446, 75-91	4.2	14
118	A measurement of the $B_s^0$ meson mass. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1994</b> , 324, 500-508	4.2	14
117	Characterisation of the Hamamatsu photomultipliers for the KM3NeT Neutrino Telescope. <i>Journal of Instrumentation</i> , <b>2018</b> , 13, P05035-P05035	1	14
116	Observation of charge-ordering in particle production in hadronic $Z^0$ decay. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1997</b> , 407, 174-184	4.2	13
115	Measurement of the branching fraction. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2000</b> , 475, 407-428	4.2	13

114	Upper limit for the decay $B_{cb}$ and measurement of the $b \rightarrow \bar{c} s$ branching ratio. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2000</b> , 496, 43-58	4.2	13
113	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> , <b>1992</b> , 274, 498-506	4.2	13
112	ANTARES and IceCube Combined Search for Neutrino Point-like and Extended Sources in the Southern Sky. <i>Astrophysical Journal</i> , <b>2020</b> , 892, 92	4.7	13
111	Measurement of the lifetime of b-baryons <b>1999</b> , 10, 185		13
110	ANTARES constrains a blazar origin of two IceCube PeV neutrino events. <i>Astronomy and Astrophysics</i> , <b>2015</b> , 576, L8	5.1	13
109	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> , <b>2020</b> , 805, 135439	4.2	12
108	Expansion cone for the 3-inch PMTs of the KM3NeT optical modules. <i>Journal of Instrumentation</i> , <b>2013</b> , 8, T03006-T03006	1	12
107	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> , <b>2011</b> , 58, 875-884	2.5	12
106	Limits on the masses of supersymmetric particles at $\sqrt{s}=189$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2000</b> , 489, 38-54	4.2	12
105	First evidence of hard scattering processes in single tagged $B$ collisions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1995</b> , 342, 402-416	4.2	12
104	Interference of neutral kaons in the hadronic decays of the Z0. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1994</b> , 323, 242-252	4.2	12
103	Measurement of time dependent $B_d^0$ - $B_d^0$ mixing. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1994</b> , 338, 409-420	4.2	12
102	Neutral and charged $D^*$ production in 360 GeV/c $\bar{p}p$ interactions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1986</b> , 169, 106-112	4.2	12
101	Search for neutral Higgs bosons in $e^+e^-$ collisions at $\sqrt{s}=183$ GeV <b>1999</b> , 10, 563		12
100	Search for supersymmetry with R-parity violating ( $\tilde{L}\tilde{L}^c\bar{E}$ ) couplings at $\sqrt{s} = 183$ GeV <b>2000</b> , 13, 591		12
99	Dependence of atmospheric muon flux on seawater depth measured with the first KM3NeT detection units. <i>European Physical Journal C</i> , <b>2020</b> , 80, 1	4.2	11
98	All-sky search for high-energy neutrinos from gravitational wave event GW170104 with the Antares neutrino telescope. <i>European Physical Journal C</i> , <b>2017</b> , 77, 1	4.2	11
97	First results on dark matter annihilation in the Sun using the ANTARES neutrino telescope. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2013</b> , 2013, 032-032	6.4	11

96	Measurement of the triple gluon vertex from double quark tagged 4-jet events. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1997</b> , 414, 401-418	4.2	11
95	Charged particle multiplicity in $e^+e^- \rightarrow qq$ events at 161 and 172 GeV and from the decay of the W boson. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1998</b> , 416, 233-246	4.2	11
94	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> , <b>2007</b> , 581, 695-708	1.2	11
93	Search for R-parity violation with a $U D D$ coupling at $\sqrt{s}=189$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2001</b> , 500, 22-36	4.2	11
92	$B$ polarization in $Z^0$ decays at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2000</b> , 474, 205-222	4.2	11
91	Searches for neutral Higgs bosons in $(e^+e^-)$ collisions around $(\sqrt{s}) = 189$ GeV. <i>European Physical Journal C</i> , <b>2000</b> , 17, 187-205	4.2	11
90	Combined search for neutrinos from dark matter self-annihilation in the Galactic Center with ANTARES and IceCube. <i>Physical Review D</i> , <b>2020</b> , 102,	4.9	11
89	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> , <b>2019</b> , 2019, 1	5.4	10
88	Search for charginos, neutralinos and gravitinos at LEP. <i>European Physical Journal C</i> , <b>1998</b> , 1, 1	4.2	10
87	Rapidity correlations in $\Lambda$ baryon and proton production in hadronic $Z^0$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1998</b> , 416, 247-256	4.2	10
86	Measurement of the $e^+e^- \rightarrow \tau\tau$ cross section at the LEP energies. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1998</b> , 433, 429-440	4.2	10
85	Search for spontaneous R-parity violation at $\sqrt{s}=189$ GeV and $\sqrt{s}=189\sqrt{2}$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2001</b> , 502, 24-36	4.2	10
84	Update of the search for charginos nearly mass-degenerate with the lightest neutralino. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2000</b> , 485, 95-106	4.2	10
83	Multiplicity fluctuations in one- and two-dimensional angular intervals compared with analytic QCD calculations. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1999</b> , 457, 368-382	4.2	10
82	D-meson lifetimes. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1987</b> , 193, 140-146	4.2	10
81	KM3NeT front-end and readout electronics system: hardware, firmware, and software. <i>Journal of Astronomical Telescopes, Instruments, and Systems</i> , <b>2019</b> , 5, 1	1.1	10
80	Measurements of the leptonic branching fractions of the tau <b>1999</b> , 10, 201		10
79	Measurement of the forward backward asymmetry of c and b quarks at the Z pole using reconstructed D mesons <b>1999</b> , 10, 219		10



78	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> , <b>2017</b> , 77, 419	4.2	9
77	SEARCH FOR A CORRELATION BETWEEN ANTARES NEUTRINOS AND PIERRE AUGER OBSERVATORY UHECRs ARRIVAL DIRECTIONS. <i>Astrophysical Journal</i> , <b>2013</b> , 774, 19	4.7	9
76	Search for charged Higgs bosons in $e^+e^-$ collisions at $\sqrt{s}=172$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1998</b> , 420, 140-156	4.2	9
75	Inclusive $\tau$ and $(1520)$ production in hadronic Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2000</b> , 475, 429-447	4.2	9
74	Search for charged Higgs bosons at LEP 2. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1999</b> , 460, 484-497	4.2	9
73	Measurement of the mixing using the average electric charge of hadron-jets in $Z^0$ -decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1994</b> , 322, 459-472	4.2	9
72	Measurement of the mixing parameter in DELPHI. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1994</b> , 332, 488-500	4.2	9
71	A study of the reaction $e^+e^- \rightarrow j\bar{j}\tau^+\tau^-$ around the $Z^0$ pole. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1991</b> , 260, 240-248	4.2	9
70	Measurement of the $Z^0$ branching fraction to b quark pairs using the boosted sphericity product. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1992</b> , 281, 383-393	4.2	9
69	Investigation of the splitting of quark and gluon jets <b>1998</b> , 4, 1		9
68	MURCHISON WIDEFIELD ARRAY LIMITS ON RADIO EMISSION FROM ANTARES NEUTRINO EVENTS. <i>Astrophysical Journal Letters</i> , <b>2016</b> , 820, L24	7.9	8
67	A search for time dependent neutrino emission from microquasars with the ANTARES telescope. <i>Journal of High Energy Astrophysics</i> , <b>2014</b> , 3-4, 9-17	2.5	8
66	Search for relativistic magnetic monopoles with five years of the ANTARES detector data. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	8
65	An Algorithm for the Reconstruction of Neutrino-induced Showers in the ANTARES Neutrino Telescope. <i>Astronomical Journal</i> , <b>2017</b> , 154, 275	4.9	8
64	Searches for clustering in the time integrated skymap of the ANTARES neutrino telescope. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2014</b> , 2014, 001-001	6.4	8
63	Single intermediate vector boson production in $e^+e^-$ collisions at $\sqrt{s}=183$ and $189$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2001</b> , 515, 238-254	4.2	8
62	Search for charginos in $e^+e^-$ interactions at $\sqrt{s}=189$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2000</b> , 479, 129-143	4.2	8
61	W pair production cross-section and W branching fractions in $e^+e^-$ interactions at 183 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1999</b> , 456, 310-321	4.2	8



60	A search for lepton flavour violation in $Z^0$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1993</b> , 298, 247-256	4.2	8
59	A search for $F$ production in 360 GeV/c $p\bar{p}$ interactions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1985</b> , 156, 444-450	4.2	8
58	gSeaGen: The KM3NeT GENIE-based code for neutrino telescopes. <i>Computer Physics Communications</i> , <b>2020</b> , 256, 107477	4.2	8
57	The cosmic ray shadow of the Moon observed with the ANTARES neutrino telescope. <i>European Physical Journal C</i> , <b>2018</b> , 78, 1006	4.2	8
56	A study of the reaction $e^+e^- \rightarrow j\bar{j} \gamma$ ISR at LEP and search for new physics at annihilation energies near 80 GeV. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1997</b> , 75, 581-592		7
55	Search for $Z^0$ decays to two leptons and a charged particle-antiparticle pair. <i>Nuclear Physics B</i> , <b>1993</b> , 403, 3-24	2.8	7
54	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> , <b>2019</b> , 482, 184-193	4.3	7
53	Long-term monitoring of the ANTARES optical module efficiencies using $(^{40}\text{K})$ decays in sea water. <i>European Physical Journal C</i> , <b>2018</b> , 78, 1	4.2	7
52	Time-dependent search for neutrino emission from X-ray binaries with the ANTARES telescope. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2017</b> , 2017, 019-019	6.4	6
51	Stacked search for time shifted high energy neutrinos from gamma ray bursts with the Antares neutrino telescope. <i>European Physical Journal C</i> , <b>2017</b> , 77, 1	4.2	6
50	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> , <b>2015</b> , 2015, 014-014	6.4	6
49	Measurement of the inclusive charmless and double-charm B branching ratios. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1998</b> , 426, 193-206	4.2	6
48	Measurement of the ZZ cross-section in $e^+e^-$ interactions at 183.89 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2001</b> , 497, 199-213	4.2	6
47	Search for supersymmetric particles in scenarios with a gravitino LSP and stau NLSP. <i>European Physical Journal C</i> , <b>2000</b> , 16, 211-228	4.2	6
46	A search for invisible Higgs bosons produced in $e^+e^-$ interactions at LEP 2 energies. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1999</b> , 459, 367-381	4.2	6
45	Discovery limits in prospective studies. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>1996</b> , 372, 293-296	1.2	6
44	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> , <b>1992</b> , 276, 254-262	4.2	6
43	First search for neutrinos in correlation with gamma-ray bursts with the ANTARES neutrino telescope. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2013</b> , 2013, 006-006	6.4	5

42	Time calibration and positioning for KM3NeT. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2009</b> , 602, 183-186	1.2	5
41	Two-particle angular correlations in $e+e^-$ interactions compared with QCD predictions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1998</b> , 440, 203-216	4.2	5
40	Measurement of the charged particle multiplicity of weakly decaying B hadrons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1998</b> , 425, 399-412	4.2	5
39	Time calibration with atmospheric muon tracks in the ANTARES neutrino telescope. <i>Astroparticle Physics</i> , <b>2016</b> , 78, 43-51	2.4	5
38	Event reconstruction for KM3NeT/ORCA using convolutional neural networks. <i>Journal of Instrumentation</i> , <b>2020</b> , 15, P10005-P10005	1	4
37	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> , <b>2020</b> , 80, 1	4.2	4
36	Constraining the neutrino emission of gravitationally lensed Flat-Spectrum Radio Quasars with ANTARES data. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2014</b> , 2014, 017-017	6.4	4
35	Measurement of the transverse spin correlation in $Z \rightarrow \mu\mu$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1997</b> , 404, 194-206	4.2	4
34	Search for scalar fermions and long-lived scalar leptons at centre-of-mass energies of 130 GeV to 172 GeV. <i>European Physical Journal C</i> , <b>1999</b> , 6, 385-401	4.2	4
33	A method to stabilise the performance of negatively fed KM3NeT photomultipliers. <i>Journal of Instrumentation</i> , <b>2016</b> , 11, P12014-P12014	1	4
32	Architecture and performance of the KM3NeT front-end firmware. <i>Journal of Astronomical Telescopes, Instruments, and Systems</i> , <b>2021</b> , 7,	1.1	4
31	Letter of interest for a neutrino beam from Protvino to KM3NeT/ORCA. <i>European Physical Journal C</i> , <b>2019</b> , 79, 1	4.2	3
30	ANTARES Neutrino Search for Time and Space Correlations with IceCube High-energy Neutrino Events. <i>Astrophysical Journal</i> , <b>2019</b> , 879, 108	4.7	3
29	Neutrino telescopes in the Mediterranean sea. <i>Journal of Physics: Conference Series</i> , <b>2009</b> , 171, 012047	0.3	3
28	Update of the search for supersymmetric particles in scenarios with gravitino LSP and sleptons NLSP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2001</b> , 503, 34-48	4.2	3
27	Rapidity-rank structure of $pp$ pairs in hadronic $Z^0$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2000</b> , 490, 61-70	4.2	3
26	Search for pair-produced neutralinos in events with photons and missing energy from $e+e^-$ collisions at ( $\sqrt{s} = 130 - 183$ ) GeV. <i>European Physical Journal C</i> , <b>1999</b> , 6, 371-384	4.2	3
25	Estimating exclusion limits in prospective studies of searches. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>1996</b> , 378, 301-304	1.2	3

24	Search for Neutrinos from the Tidal Disruption Events AT2019dsg and AT2019fdr with the ANTARES Telescope. <i>Astrophysical Journal</i> , <b>2021</b> , 920, 50	4.7	3
23	Deep-sea deployment of the KM3NeT neutrino telescope detection units by self-unrolling. <i>Journal of Instrumentation</i> , <b>2020</b> , 15, P11027-P11027	1	3
22	The Control Unit of the KM3NeT Data Acquisition System. <i>Computer Physics Communications</i> , <b>2020</b> , 256, 107433	4.2	3
21	A Search for Cosmic Neutrino and Gamma-Ray Emitting Transients in 7.3 yr of ANTARES and Fermi LAT Data. <i>Astrophysical Journal</i> , <b>2019</b> , 886, 98	4.7	3
20	The KM3NeT neutrino telescope: Status and prospects. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2014</b> , 742, 77-81	1.2	2
19	Measurement of the group velocity of light in sea water at the ANTARES site. <i>Astroparticle Physics</i> , <b>2012</b> , 35, 552-557	2.4	2
18	Identified particles in quark and gluon jets. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1997</b> , 401, 118-130	4.2	2
17	Expected performances of the future neutrino telescope ANTARES. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , <b>2003</b> , 114, 211-216		2
16	The Neutrino Telescope Antares. <i>Astrophysics and Space Science</i> , <b>2005</b> , 297, 257-267	1.6	2
15	Search for chargino pair production in scenarios with gravitino LSP and stau NLSP at GeV at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1999</b> , 466, 61-70	4.2	2
14	Search for neutral and charged Higgs bosons in ( $e^+e^-$ ) collisions at $\sqrt{s} = 161$ GeV and 172 GeV <b>1998</b> , 2, 1		2
13	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> , <b>2012</b> , 675, 56-62	1.2	1
12	Recent results of the ANTARES neutrino telescope <b>2015</b> ,		1
11	Features and performance of a large gas Cherenkov detector with threshold regulation. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>1988</b> , 263, 286-308	1.2	1
10	Observation of the cosmic ray shadow of the Sun with the ANTARES neutrino telescope. <i>Physical Review D</i> , <b>2020</b> , 102,	4.9	1
9	Model-independent search for neutrino sources with the ANTARES neutrino telescope. <i>Astroparticle Physics</i> , <b>2020</b> , 114, 35-47	2.4	1
8	Sensitivity to light sterile neutrino mixing parameters with KM3NeT/ORCA. <i>Journal of High Energy Physics</i> , <b>2021</b> , 2021, 1	5.4	0
7	High energy neutrino telescopes in the Northern Hemisphere. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2013</b> , 725, 7-12	1.2	

- 6 Neutrino Telescopes. *Nuclear Physics, Section B, Proceedings Supplements*, **2011**, 217, 255-260
- 5 Recent results of the ANTARES neutrino telescope. *Journal of Physics: Conference Series*, **2012**, 375, 052035
- 4 JASP: a program to estimate discovery and exclusion limits in prospective studies of searches. *Computer Physics Communications*, **1997**, 100, 119-127 4.2
- 3 Study of the four-jet anomaly observed at LEP centre-of-mass energies of 130 and 136 GeV. *Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics*, **1999**, 448, 311-319 4.2
- 2 Science with Neutrino Telescopes in Spain. *Universe*, **2022**, 8, 89 2.5
- 1 The Neutrino Telescope Antares **2005**, 257-267