

Juan JosÃ© HernÃ¡ndez-Rey

List of Publications by Year in descending order

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295
papers

57,134
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31976

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235
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298
all docs

298
docs citations

298
times ranked

23361
citing authors

#	ARTICLE	IF	CITATIONS
1	Review of Particle Physics. Chinese Physics C, 2014, 38, 090001.	3.7	5,997
2	Review of Particle Physics. Physical Review D, 2018, 98, .	4.7	5,390
3	Review of Particle Physics. Journal of Physics G: Nuclear and Particle Physics, 2010, 37, 075021.	3.6	4,745
4	Review of Particle Physics. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 592, 1-5.	4.1	4,599
5	Review of Particle Physics. Chinese Physics C, 2016, 40, 100001.	3.7	4,200
6	Review of Particle Physics. Journal of Physics G: Nuclear and Particle Physics, 2006, 33, 1-1232.	3.6	3,613
7	Review of Particle Physics. Progress of Theoretical and Experimental Physics, 2020, 2020, .	6.6	3,177
8	Review of Particle Properties. Physical Review D, 2002, 66, .	4.7	2,845
9	Multi-messenger Observations of a Binary Neutron Star Merger [*] . Astrophysical Journal Letters, 2017, 848, L12.	8.3	2,805
10	Review of particle properties. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1988, 204, 1.	4.1	2,340
11	Review of Particle Physics. Physical Review D, 1996, 54, 1-708.	4.7	1,884
12	Review of Particle Properties. Physical Review D, 1994, 50, 1173-1814.	4.7	1,412
13	Precision electroweak measurements on the Z resonance. Physics Reports, 2006, 427, 257-454.	25.6	974
14	Letter of intent for KM3NeT 2.0. Journal of Physics G: Nuclear and Particle Physics, 2016, 43, 084001.	3.6	512
15	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
16	Measurement of the mass and width of the Z ⁰ -particle from multihadronic final states produced in e ⁺ e ⁻ annihilations. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1989, 231, 539-547.	4.1	200
17	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
18	The SURvey for Pulsars and Extragalactic Radio Bursts “ II. New FRB discoveries and their follow-up. Monthly Notices of the Royal Astronomical Society, 2018, 475, 1427-1446.	4.4	156

#	ARTICLE	IF	CITATIONS
19	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
20	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
21	SEARCH FOR COSMIC NEUTRINO POINT SOURCES WITH FOUR YEARS OF DATA FROM THE ANTARES TELESCOPE. Astrophysical Journal, 2012, 760, 53.	4.5	104
22	Transmission of light in deep sea water at the site of the Antares neutrino telescope. Astroparticle Physics, 2005, 23, 131-155.	4.3	101
23	First results of the Instrumentation Line for the deep-sea ANTARES neutrino telescope. Astroparticle Physics, 2006, 26, 314-324.	4.3	99
24	High-energy neutrino follow-up search of gravitational wave event GW150914 with ANTARES and IceCube. Physical Review D, 2016, 93, .	4.7	92
25	Study of hadronic decays of the Z0 boson. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 240, 271-282.	4.1	90
26	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
27	D-Meson Production in 800-GeV/cppInteractions. Physical Review Letters, 1988, 61, 2185-2188.	7.8	86
28	Time calibration of the ANTARES neutrino telescope. Astroparticle Physics, 2011, 34, 539-549.	4.3	85
29	A fast algorithm for muon track reconstruction and its application to the ANTARES neutrino telescope. Astroparticle Physics, 2011, 34, 652-662.	4.3	80
30	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
31	Observation of orbitally excited B mesons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 345, 598-608.	4.1	76
32	Title is missing!. European Physical Journal C, 1998, 5, 585.	3.9	73
33	A study of intermittency in hadronic Z0 decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 247, 137-147.	4.1	71
34	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
35	Sensitivity of the KM3NeT/ARCA neutrino telescope to point-like neutrino sources. Astroparticle Physics, 2019, 111, 100-110.	4.3	71
36	Bose-Einstein correlations in the hadronic decays of the Z0. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 286, 201-210.	4.1	69

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37	Inclusive properties of D mesons produced in 360 GeV interactions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1985, 161, 400-406.	4.1	67
38	Determination of Z0 resonance parameters and couplings from its hadronic and leptonic decays. Nuclear Physics B, 1991, 367, 511-574.	2.5	65
39	Search for the Standard Model Higgs boson at LEP in the year 2000. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 499, 23-37.	4.1	65
40	Improved measurements of cross sections and asymmetries at the Z0 resonance. Nuclear Physics B, 1994, 418, 403-427.	2.5	64
41	Joint Constraints on Galactic Diffuse Neutrino Emission from the ANTARES and IceCube Neutrino Telescopes. Astrophysical Journal Letters, 2018, 868, L20.	8.3	64
42	A comparison of jet production rates on the Z0 resonance to perturbative QCD. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 247, 167-176.	4.1	63
43	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
44	A search for sleptons and gauginos in Z0 decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 247, 157-166.	4.1	61
45	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
46	First all-flavor neutrino pointlike source search with the ANTARES neutrino telescope. Physical Review D, 2017, 96, .	4.7	60
47	Search for a diffuse flux of high-energy $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll">\langle \text{mml:msub}>\langle \text{mml:mi}>\frac{1}{2}</\text{mml:mi}>\langle \text{mml:mi}>\frac{1}{4}</\text{mml:mi}>\langle \text{mml:msub}></\text{mml:msub}>\langle \text{mml:math}>$ with the ANTARES neutrino telescope. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 696, 16-22.	4.1	59
48	AMADEUS – The acoustic neutrino detection test system of the ANTARES deep-sea neutrino telescope. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 626-627, 128-143.	1.6	58
49	Deep-Sea Bioluminescence Blooms after Dense Water Formation at the Ocean Surface. PLoS ONE, 2013, 8, e67523.	2.5	58
50	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
51	A precise measurement of the Z resonance parameters through its hadronic decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 241, 435-448.	4.1	56
52	D-Meson production from 400 GeV/c pp interactions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1987, 189, 476-482.	4.1	53
53	Zenith distribution and flux of atmospheric muons measured with the 5-line ANTARES detector. Astroparticle Physics, 2010, 34, 179-184.	4.3	53
54	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

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55	Measurement and interpretation of fermion-pair production at LEP energies of 183 and 189 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 485, 45-61.	4.1	51
56	Sedimentation and fouling of optical surfaces at the ANTARES site. Astroparticle Physics, 2003, 19, 253-267.	4.3	51
57	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
58	Measurement of the atmospheric $\hat{\nu}_{\mu}$ energy spectrum from 100 GeV to 200 TeV with the ANTARES telescope. European Physical Journal C, 2013, 73, 1.	3.9	51
59	D meson branching ratios and hadronic charm production cross sections. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1984, 135, 237-242.	4.1	50
60	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
61	mb at MZ. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 418, 430-442.	4.1	48
62	Energy dependence of event shapes and of $\hat{\nu}_{\mu}$ s at LEP 2. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 456, 322-340.	4.1	48
63	The positioning system of the ANTARES Neutrino Telescope. Journal of Instrumentation, 2012, 7, T08002-T08002.	1.2	48
64	Search for pair production of neutral Higgs bosons in Z0 decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 245, 276-288.	4.1	47
65	Performance of the first ANTARES detector line. Astroparticle Physics, 2009, 31, 277-283.	4.3	47
66	Deep sea tests of a prototype of the KM3NeT digital optical module. European Physical Journal C, 2014, 74, 1.	3.9	46
67	Production of $\hat{\nu}_{\mu}$ and $\hat{\nu}_{\tau}$ correlations in the hadronic decays of the Z0. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 318, 249-262.	4.1	45
68	A polarized fast radio burst at low Galactic latitude. Monthly Notices of the Royal Astronomical Society, 0, , .	4.4	45
69	The scale dependence of the hadron multiplicity in quark and gluon jets and a precise determination of CA/CF. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 449, 383-400.	4.1	44
70	Production of strange particles in the hadronic decays of the Z0. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 275, 231-242.	4.1	43
71	FIRST SEARCH FOR POINT SOURCES OF HIGH-ENERGY COSMIC NEUTRINOS WITH THE ANTARES NEUTRINO TELESCOPE. Astrophysical Journal Letters, 2011, 743, L14.	8.3	43
72	Search for relativistic magnetic monopoles with the ANTARES neutrino telescope. Astroparticle Physics, 2012, 35, 634-640.	4.3	43

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73	Measurement and interpretation of the W-pair cross-section in e^+e^- interactions at 161 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 397, 158-170.	4.1	42
74	Experimental study of the triple-gluon vertex. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1991, 255, 466-476.	4.1	41
75	Determination of Λ_{QCD} from the scaling violation in the fragmentation functions in e^+e^- annihilation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 311, 408-424.	4.1	41
76	Search for new phenomena using single photon events at LEP1. Zeitschrift für Physik C-Particles and Fields, 1997, 74, 577-586.	1.5	41
77	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
78	Energy-energy correlations in hadronic final states from Z0 decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 252, 149-158.	4.1	40
79	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
80	The ANTARES telescope neutrino alert system. Astroparticle Physics, 2012, 35, 530-536.	4.3	39
81	Measurement of the W-pair cross-section and of the W mass in. European Physical Journal C, 1998, 2, 581.	3.9	39
82	Search for heavy charged scalars in Z0 decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 241, 449-458.	4.1	38
83	A search for neutral Higgs particles in Z0 decays. Nuclear Physics B, 1992, 373, 3-34.	2.5	38
84	Evidence for B _S meson production in Z0 decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 289, 199-210.	4.1	38
85	Production of charged particles, K _S ⁰ , K _L [±] , p and $\bar{\Lambda}$ in events and in the decay of b hadrons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 347, 447-466.	4.1	38
86	Lifetime measurement of charm mesons produced in $\bar{p}p$ and pp interactions at 360 GeV/c. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1983, 122, 312-316.	4.1	37
87	First evidence for a charm radial excitation, D'. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 426, 231-242.	4.1	37
88	Classification of the hadronic decays of the Z0 into b and c quark pairs using a neural network. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 295, 383-395.	4.1	36
89	Measurement of the spin density matrix for the $\bar{\Lambda}^0$, K^0_{S} and F produced in Z0 decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 406, 271-286.	4.1	35
90	Measurement of V _{cb} from the decay process. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 510, 55-74.	4.1	35

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91	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
92	Measurement of the atmospheric muon flux with a 4GeV threshold in the ANTARES neutrino telescope. Astroparticle Physics, 2010, 33, 86-90.	4.3	34
93	Charm D-meson production in 360 GeV/c pp interactions; comparison with $\bar{t}t$ -p at the same energy. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1983, 123, 103-107.	4.1	33
94	New constraints on all flavor Galactic diffuse neutrino emission with the ANTARES telescope. Physical Review D, 2017, 96, .	4.7	33
95	Measurement of the gluon fragmentation function and a comparison of the scaling violation in gluon and quark jets. European Physical Journal C, 2000, 13, 573.	3.9	33
96	Multiplicity of charged particles in 800 GeV p-p interactions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1986, 178, 124-128.	4.1	32
97	The reaction $e^+e^- \rightarrow \tau^+ \tau^- \hat{3}^3(\hat{3})$ at Z0 energies. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1991, 268, 296-304.	4.1	32
98	Energy dependence of inclusive spectra in e^+e^- annihilation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 459, 397-411.	4.1	32
99	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
100	The prototype detection unit of the KM3NeT detector. European Physical Journal C, 2016, 76, 1.	3.9	32
101	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
102	Search for Leptoquarks and FCNC in e^+e^- annihilations at GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 446, 62-74.	4.1	31
103	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
104	Study of the leptonic decays of the Z0 boson. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 241, 425-434.	4.1	30
105	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
106	A precise measurement of the partial decay width ratio. European Physical Journal C, 1999, 10, 415.	3.9	30
107	Limits on the production of scalar leptoquarks from Z0 decays at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 316, 620-630.	4.1	29
108	Measurement of inclusive production of light meson resonances in hadronic decays of the Z0. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 298, 236-246.	4.1	29

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109	Measurement of trilinear gauge couplings in e^+e^- collisions at 161 GeV and 172 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 423, 194-206.	4.1	29
110	Measurement of trilinear gauge boson couplings WWV , ($V=Z, \gamma$) in e^+e^- collisions at 189 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 502, 9-23.	4.1	29
111	J/ψ production in the hadronic decays of the Z. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 341, 109-122.	4.1	28
112	Search for the standard model Higgs boson in Z^0 decays. Nuclear Physics B, 1994, 421, 3-37.	2.5	28
113	Search for the B_c meson. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 398, 207-222.	4.1	28
114	A study of the hadronic resonance structure in the decay $\bar{B}_d^0 \rightarrow \pi^0 \pi^0 \pi^0$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 426, 411-427.	4.1	28
115	Measurement of the \mathcal{B}^0 lifetime and study of $\mathcal{B}^0 - \overline{\mathcal{B}}^0$ oscillations using D_{tag}^0 events. European Physical Journal C, 2000, 16, 555-578.	3.9	28
116	Detection potential of the KM3NeT detector for high-energy neutrinos from the Fermi bubbles. Astroparticle Physics, 2013, 42, 7-14.	4.3	28
117	D correlations in 360 GeV/c $\bar{p}p$ interactions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1985, 164, 404-409.	4.1	27
118	The European hybrid spectrometer. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1987, 258, 26-50.	1.6	27
119	A measurement of $\sin 2\beta$ from the charge asymmetry of hadronic events at the Z^0 peak. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 277, 371-382.	4.1	27
120	Search for high-energy neutrinos from bright GRBs with ANTARES. Monthly Notices of the Royal Astronomical Society, 2017, 469, 906-915.	4.4	27
121	Search for composite and exotic fermions at LEP 2. European Physical Journal C, 1999, 8, 41.	3.9	27
122	Measurement and interpretation of fermion-pair production at LEP energies from 130 to 172 GeV. European Physical Journal C, 1999, 11, 383.	3.9	27
123	Neutral d-meson properties in 360 GeV/c $\bar{p}p$ interactions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1984, 146, 266-272.	4.1	26
124	Measurement of \hat{b} production and lifetime in Z^0 hadronic decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 311, 379-390.	4.1	26
125	PARTICLE PHYSICS SUMMARYA Digest of the 1996 Review of Particle Physics. Reviews of Modern Physics, 1996, 68, 611-732.	45.6	26
126	Determination of $ V_{ub} / V_{cb} $ with DELPHI at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 478, 14-30.	4.1	26

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127	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
128	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
129	Search for scalar quarks in Z0 decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 247, 148-156.	4.1	25
130	A search for heavy stable and long-lived squarks and sleptons in e+e- collisions at energies from 130 to 183 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 444, 491-502.	4.1	25
131	Search for a fermiophobic Higgs at LEP 2. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 507, 89-103.	4.1	25
132	A search for neutrino emission from the Fermi bubbles with the ANTARES telescope. European Physical Journal C, 2014, 74, 1.	3.9	25
133	Characterisation of the Hamamatsu photomultipliers for the KM3NeT Neutrino Telescope. Journal of Instrumentation, 2018, 13, P05035-P05035.	1.2	25
134	ANTARES and IceCube Combined Search for Neutrino Point-like and Extended Sources in the Southern Sky. Astrophysical Journal, 2020, 892, 92.	4.5	25
135	Measurements of the lineshape of the Z0 and determination of electroweak parameters from its hadronic and leptonic decays. Nuclear Physics B, 1994, 417, 3-57.	2.5	24
136	Measurement of correlations between pions from different W's in e+e- to W+W- events. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 401, 181-191.	4.1	24
137	The Search for Neutrinos from TXS 0506+056 with the ANTARES Telescope. Astrophysical Journal Letters, 2018, 863, L30.	8.3	24
138	Measurement of the quark and gluon fragmentation functions in Z. European Physical Journal C, 1999, 6, 19.	3.9	24
139	Multiplicity fluctuations in hadronic final states from the decay of the Z0. Nuclear Physics B, 1992, 386, 471-492.	2.5	23
140	Searches for heavy neutrinos from Z decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 274, 230-238.	4.1	22
141	Search for scalar leptoquarks from Z0 decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 275, 222-230.	4.1	22
142	Measurement of Vcs using W decays at LEP2. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 439, 209-224.	4.1	22
143	Measurement of inclusive J/psi, f0(980), f2(1270), K and phi(1525) production in Z0 decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 449, 364-382.	4.1	22
144	Measurements of the trilinear gauge boson couplings WWV (V=gamma,Z) in e+e- collisions at 183 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 459, 382-396.	4.1	22

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145	Intrinsic limits on resolutions in muon- and electron-neutrino charged-current events in the KM3NeT/ORCA detector. <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	4.7	22
146	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.	4.1	21
147	Measurement of the multiplicity of gluons splitting to bottom quark pairs in hadronic Z0 decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997, 405, 202-214.	4.1	21
148	Search for heavy stable and long-lived particles in e+e- collisions at GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000, 478, 65-72.	4.1	21
149	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> , 2000, 479, 89-100.	4.1	21
150	Optical and X-ray early follow-up of ANTARES neutrino alerts. <i>Journal of Cosmology and Astroparticle Physics</i> , 2016, 2016, 062-062.	5.4	21
151	Measurement of the partial width of the decay of the Z0 into charm quark pairs. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990, 252, 140-148.	4.1	20
152	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.	5.4	20
153	Sperm whale long-range echolocation sounds revealed by ANTARES, a deep-sea neutrino telescope. <i>Scientific Reports</i> , 2017, 7, 45517.	3.3	20
154	Dependence of atmospheric muon flux on seawater depth measured with the first KM3NeT detection units. <i>European Physical Journal C</i> , 2020, 80, 1.	3.9	20
155	Measurement of D-meson branching ratios. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1986, 168, 170-180.	4.1	19
156	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> , 1988, 201, 176-182.	4.1	19
157	Determination of Γ_S for b quarks at the Z0 resonance. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993, 307, 221-236.	4.1	19
158	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> , 1999, 462, 425-439.	4.1	19
159	The expectation-maximization algorithm applied to the search of point sources of astroparticles. <i>Astroparticle Physics</i> , 2008, 29, 117-124.	4.3	19
160	Search for neutrino emission from gamma-ray flaring blazars with the ANTARES telescope. <i>Astroparticle Physics</i> , 2012, 36, 204-210.	4.3	19
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