

Sergio Navas

List of Publications by Citations

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273
papers

50,542
citations

53
h-index

224
g-index

283
ext. papers

55,699
ext. citations

4
avg, IF

8.48
L-index

#	Paper	IF	Citations
273	Review of Particle Physics. <i>Chinese Physics C</i> , 2014 , 38, 090001	2.2	5549
272	Review of Particle Physics*. <i>Physical Review D</i> , 2012 , 86,	4.9	4786
271	Review of Particle Physics*. <i>Physical Review D</i> , 2018 , 98,	4.9	4401
270	Review of Particle Physics. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2010 , 37, 075021	2.9	4379
269	Review of Particle Physics. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2004 , 592, 1-5	4.2	3560
268	Review of Particle Physics. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2006 , 33, 1-1232	2.9	3486
267	Review of Particle Physics. <i>Chinese Physics C</i> , 2016 , 40, 100001	2.2	3442
266	Review of Particle Properties. <i>Physical Review D</i> , 2002 , 66,	4.9	2767
265	Multi-messenger Observations of a Binary Neutron Star Merger. <i>Astrophysical Journal Letters</i> , 2017 , 848, L12	7.9	1935
264	Review of Particle Physics. <i>Progress of Theoretical and Experimental Physics</i> , 2020 , 2020,	5.4	1112
263	Precision electroweak measurements on the Z resonance. <i>Physics Reports</i> , 2006 , 427, 257-454	27.7	730
262	Correlation of the highest-energy cosmic rays with nearby extragalactic objects. <i>Science</i> , 2007 , 318, 938-943	4.3	558
261	Observation of the suppression of the flux of cosmic rays above 4×10^{19} eV. <i>Physical Review Letters</i> , 2008 , 101, 061101	7.4	443
260	Measurement of the depth of maximum of extensive air showers above 10^{18} eV. <i>Physical Review Letters</i> , 2010 , 104, 091101	7.4	387
259	Letter of intent for KM3NeT 2.0. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2016 , 43, 084001	2.9	333
258	Measurement of the energy spectrum of cosmic rays above 1018 eV using the Pierre Auger Observatory. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2010 , 685, 239-246	4.2	328
257	The Pierre Auger Cosmic Ray Observatory. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2015 , 798, 172-213	1.2	293

256	Design, construction and tests of the ICARUS T600 detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2004 , 527, 329-410	1.2	278
255	Correlation of the highest-energy cosmic rays with the positions of nearby active galactic nuclei. <i>Astroparticle Physics</i> , 2008 , 29, 188-204	2.4	262
254	Performance of the DELPHI detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1996 , 378, 57-100	1.2	248
253	Update on the correlation of the highest energy cosmic rays with nearby extragalactic matter. <i>Astroparticle Physics</i> , 2010 , 34, 314-326	2.4	229
252	The fluorescence detector of the Pierre Auger Observatory. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2010 , 620, 227-251	1.2	202
251	Search for neutral heavy leptons produced in Z decays. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1997 , 74, 57-71		199
250	Depth of maximum of air-shower profiles at the Pierre Auger Observatory. I. Measurements at energies above 1017.8 eV. <i>Physical Review D</i> , 2014 , 90,	4.9	195
249	Measurement of the proton-air cross section at $\sqrt{s}=57$ TeV with the Pierre Auger Observatory. <i>Physical Review Letters</i> , 2012 , 109, 062002	7.4	179
248	Depth of maximum of air-shower profiles at the Pierre Auger Observatory. II. Composition implications. <i>Physical Review D</i> , 2014 , 90,	4.9	157
247	Tuning and test of fragmentation models based on identified particles and precision event shape data DELPHI Collaboration. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1996 , 73, 11-59		155
246	Upper limit on the cosmic-ray photon flux above 1019 eV using the surface detector of the Pierre Auger Observatory. <i>Astroparticle Physics</i> , 2008 , 29, 243-256	2.4	141
245	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
244	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
243	Trigger and aperture of the surface detector array of the Pierre Auger Observatory. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2010 , 613, 29-39	1.2	121
242	Upper limit on the diffuse flux of ultrahigh energy tau neutrinos from the Pierre Auger Observatory. <i>Physical Review Letters</i> , 2008 , 100, 211101	7.4	117
241	SEARCHES FOR ANISOTROPIES IN THE ARRIVAL DIRECTIONS OF THE HIGHEST ENERGY COSMIC RAYS DETECTED BY THE PIERRE AUGER OBSERVATORY. <i>Astrophysical Journal</i> , 2015 , 804, 15	4.7	113
240	Improved limit to the diffuse flux of ultrahigh energy neutrinos from the Pierre Auger Observatory. <i>Physical Review D</i> , 2015 , 91,	4.9	108
239	Testing Hadronic Interactions at Ultrahigh Energies with Air Showers Measured by the Pierre Auger Observatory. <i>Physical Review Letters</i> , 2016 , 117, 192001	7.4	107

238	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
237	Muons in air showers at the Pierre Auger Observatory: Mean number in highly inclined events. <i>Physical Review D</i> , 2015 , 91,	4.9	100
236	Upper limit on the cosmic-ray photon fraction at EeV energies from the Pierre Auger Observatory. <i>Astroparticle Physics</i> , 2009 , 31, 399-406	2.4	99
235	Limit on the diffuse flux of ultrahigh energy tau neutrinos with the surface detector of the Pierre Auger Observatory. <i>Physical Review D</i> , 2009 , 79,	4.9	81
234	Observation of orbitally excited B mesons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995 , 345, 598-608	4.2	75
233	Study of electron recombination in liquid argon with the ICARUS TPC. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2004 , 523, 275-286	1.2	74
232	A study of the effect of molecular and aerosol conditions in the atmosphere on air fluorescence measurements at the Pierre Auger Observatory. <i>Astroparticle Physics</i> , 2010 , 33, 108-129	2.4	73
231	Antennas for the detection of radio emission pulses from cosmic-ray induced air showers at the Pierre Auger Observatory. <i>Journal of Instrumentation</i> , 2012 , 7, P10011-P10011	1	72
230	Search for lepton flavour number violating Z0- decays. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1997 , 73, 243-251		66
229	Measurement of the Radiation Energy in the Radio Signal of Extensive Air Showers as a Universal Estimator of Cosmic-Ray Energy. <i>Physical Review Letters</i> , 2016 , 116, 241101	7.4	65
228	Search for first harmonic modulation in the right ascension distribution of cosmic rays detected at the Pierre Auger Observatory. <i>Astroparticle Physics</i> , 2011 , 34, 627-639	2.4	64
227	Probing the radio emission from air showers with polarization measurements. <i>Physical Review D</i> , 2014 , 89,	4.9	63
226	Energy estimation of cosmic rays with the Engineering Radio Array of the Pierre Auger Observatory. <i>Physical Review D</i> , 2016 , 93,	4.9	62
225	Evidence for a mixed mass composition at the ankle in the cosmic-ray spectrum. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 762, 288-295	4.2	59
224	Background light in potential sites for the ANTARES undersea neutrino telescope. <i>Astroparticle Physics</i> , 2000 , 13, 127-136	2.4	57
223	SEARCHES FOR LARGE-SCALE ANISOTROPY IN THE ARRIVAL DIRECTIONS OF COSMIC RAYS DETECTED ABOVE ENERGY OF 1019eV AT THE PIERRE AUGER OBSERVATORY AND THE TELESCOPE ARRAY. <i>Astrophysical Journal</i> , 2014 , 794, 172	4.7	56
222	Description of atmospheric conditions at the Pierre Auger Observatory using the Global Data Assimilation System (GDAS). <i>Astroparticle Physics</i> , 2012 , 35, 591-607	2.4	55
221	CONSTRAINTS ON THE ORIGIN OF COSMIC RAYS ABOVE 10 ¹⁸ eV FROM LARGE-SCALE ANISOTROPY SEARCHES IN DATA OF THE PIERRE AUGER OBSERVATORY. <i>Astrophysical Journal Letters</i> , 2013 , 762, L13	7.9	53

220	Nucleon decay searches with large liquid Argon TPC detectors at shallow depths: atmospheric neutrinos and cosmogenic backgrounds. <i>Journal of High Energy Physics</i> , 2007 , 2007, 041-041	5.4	53
219	Energy dependence of the differences between the quark and gluon jet fragmentation. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1996 , 70, 179-195		50
218	Analysis of the liquid argon purity in the ICARUS T600 TPC. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2004 , 516, 68-79	1.2	49
217	Energy dependence of event shapes and of β s at LEP 2. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999 , 456, 322-340	4.2	47
216	SEARCH FOR POINT-LIKE SOURCES OF ULTRA-HIGH ENERGY NEUTRINOS AT THE PIERRE AUGER OBSERVATORY AND IMPROVED LIMIT ON THE DIFFUSE FLUX OF TAU NEUTRINOS. <i>Astrophysical Journal Letters</i> , 2012 , 755, L4	7.9	46
215	First all-flavor neutrino pointlike source search with the ANTARES neutrino telescope. <i>Physical Review D</i> , 2017 , 96,	4.9	44
214	Muons in air showers at the Pierre Auger Observatory: Measurement of atmospheric production depth. <i>Physical Review D</i> , 2014 , 90,	4.9	44
213	Advanced functionality for radio analysis in the Offline software framework of the Pierre Auger Observatory. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2011 , 635, 92-102	1.2	44
212	mb at MZ. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998 , 418, 430-442	4.2	44
211	Photon events with missing energy at $(\sqrt{s})=183$ to 189 GeV. <i>European Physical Journal C</i> , 2000 , 17, 53-65	4.2	44
210	LARGE SCALE DISTRIBUTION OF ULTRA HIGH ENERGY COSMIC RAYS DETECTED AT THE PIERRE AUGER OBSERVATORY WITH ZENITH ANGLES UP TO 80°. <i>Astrophysical Journal</i> , 2015 , 802, 111	4.7	43
209	Measurement of the τ decay spectrum with the ICARUS liquid Argon TPC. <i>European Physical Journal C</i> , 2004 , 33, 233-241	4.2	41
208	Search for ultrahigh energy neutrinos in highly inclined events at the Pierre Auger Observatory. <i>Physical Review D</i> , 2011 , 84,	4.9	40
207	Measurement and interpretation of the W-pair cross-section in $e+e$ interactions at 161 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997 , 397, 158-170	4.2	40
206	The exposure of the hybrid detector of the Pierre Auger Observatory. <i>Astroparticle Physics</i> , 2011 , 34, 368-381	2.4	39
205	LARGE-SCALE DISTRIBUTION OF ARRIVAL DIRECTIONS OF COSMIC RAYS DETECTED ABOVE 10 ¹⁸ eV AT THE PIERRE AUGER OBSERVATORY. <i>Astrophysical Journal, Supplement Series</i> , 2012 , 203, 34	8	39
204	Search for new phenomena using single photon events at LEP1. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1997 , 74, 577-586		38
203	Inclusive measurements of the production in hadronic Z0 decays. <i>Nuclear Physics B</i> , 1995 , 444, 3-26	2.8	38

202	Characterization of ETL 9357FLA photomultiplier tubes for cryogenic temperature applications. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2006 , 556, 146-157	1.2	37
201	Reconstruction of inclined air showers detected with the Pierre Auger Observatory. <i>Journal of Cosmology and Astroparticle Physics</i> , 2014 , 2014, 019-019	6.4	36
200	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> , 1999 , 449, 383-400	4.2	36
199	Production of charged particles, K_S^0 , K_L^0 , p and π events and in the decay of b hadrons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995 , 347, 447-466	4.2	36
198	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
197	Performance of a liquid argon time projection chamber exposed to the CERN West Area Neutrino Facility neutrino beam. <i>Physical Review D</i> , 2006 , 74,	4.9	34
196	Identified charged particles in quark and gluon jets. <i>European Physical Journal C</i> , 2000 , 17, 207-222	4.2	34
195	Measurement of the W-pair cross-section and of the W mass in ($\mathit{e^+e^-}$) interactions at 172 GeV 1998 , 2, 581		34
194	Atmospheric effects on extensive air showers observed with the surface detector of the Pierre Auger observatory. <i>Astroparticle Physics</i> , 2009 , 32, 89-99	2.4	33
193	First evidence for a charm radial excitation, D_c . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998 , 426, 231-242	4.2	33
192	On the energy and baseline optimization to study effects related to the θ phase (CP-/T-violation) in neutrino oscillations at a neutrino factory. <i>Nuclear Physics B</i> , 2002 , 631, 239-284	2.8	33
191	Consistent measurements of $\langle\alpha_s\rangle$ from precise oriented event shape distributions. <i>European Physical Journal C</i> , 2000 , 14, 557-584	4.2	33
190	Cross-sections and leptonic forward-backward asymmetries from the Z^0 running of LEP. <i>European Physical Journal C</i> , 2000 , 16, 371-405	4.2	33
189	Determination of $ V_{cb} $ from the semileptonic decay $B \rightarrow D^* \ell^+ \nu_\ell$. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1996 , 71, 539-553		33
188	Prototype muon detectors for the AMIGA component of the Pierre Auger Observatory. <i>Journal of Instrumentation</i> , 2016 , 11, P02012-P02012	1	32
187	Measurement of through-going particle momentum by means of multiple scattering with the ICARUS T600 TPC. <i>European Physical Journal C</i> , 2006 , 48, 667-676	4.2	32
186	Bounds on the density of sources of ultra-high energy cosmic rays from the Pierre Auger Observatory. <i>Journal of Cosmology and Astroparticle Physics</i> , 2013 , 2013, 009-009	6.4	31
185	Two-dimensional analysis of the Bose-Einstein correlations in e^+e^- annihilation at the Z^0 peak. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000 , 471, 460-470	4.2	30

184	Sensitivity of the KM3NeT/ARCA neutrino telescope to point-like neutrino sources. <i>Astroparticle Physics</i> , 2019 , 111, 100-110	2.4	29
183	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
182	ArDM: a ton-scale LAr detector for direct Dark Matter searches. <i>Journal of Physics: Conference Series</i> , 2011 , 308, 012006	0.3	29
181	Energy dependence of inclusive spectra in e^+e^- annihilation. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999 , 459, 397-411	4.2	29
180	Measurement of the spin density matrix for the ρ^0 , $K^*(892)$ and F produced in Z^0 decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997 , 406, 271-286	4.2	28
179	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> , 1998 , 423, 194-206	4.2	28
178	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> , 1999 , 446, 62-74	4.2	28
177	Observation of short range three-particle correlations in e^+e^- annihilations at LEP energies. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995 , 355, 415-424	4.2	28
176	Measurement of the gluon fragmentation function and a comparison of the scaling violation in gluon and quark jets 2000 , 13, 573		28
175	Development of wavelength shifter coated reflectors for the ArDM argon dark matter detector. <i>Journal of Instrumentation</i> , 2009 , 4, P06001-P06001	1	26
174	Search for the B_c meson. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997 , 398, 207-222	4.2	26
173	A study of the hadronic resonance structure in the decay $B \rightarrow \rho \pi$ <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998 , 426, 411-427	4.2	26
172	Highlights from the Pierre Auger Observatory. <i>Brazilian Journal of Physics</i> , 2014 , 44, 560-570	1.2	25
171	Ultrahigh Energy Neutrinos at the Pierre Auger Observatory. <i>Advances in High Energy Physics</i> , 2013 , 2013, 1-18	1	25
170	Observation of long ionizing tracks with the ICARUS T600 first half-module. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2003 , 508, 287-294	1.2	25
169	Determination of $ V_{ub} / V_{cb} $ with DELPHI at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000 , 478, 14-30	4.2	25
168	Charged particle multiplicity in e^+e^- interactions at $s = 130$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1996 , 372, 172-180	4.2	25
167	Search for exclusive decays of the Λ_b baryon and measurement of its mass. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1996 , 374, 351-361	4.2	25

166	Measurement and interpretation of fermion-pair production at LEP energies from 130 to 172 GeV 1999 , 11, 383		25
165	A precise measurement of the partial decay width ratio $(R_{\mathrm{b}})^0 = \Gamma_{\mathrm{b}}/\Gamma_{\mathrm{had}}$ 1999 , 10, 415		25
164	New constraints on all flavor Galactic diffuse neutrino emission with the ANTARES telescope. <i>Physical Review D</i> , 2017 , 96,	4.9	24
163	Measurement of the cosmic ray energy spectrum using hybrid events of the Pierre Auger Observatory. <i>European Physical Journal Plus</i> , 2012 , 127, 1	3.1	24
162	Search for signatures of magnetically-induced alignment in the arrival directions measured by the Pierre Auger Observatory. <i>Astroparticle Physics</i> , 2012 , 35, 354-361	2.4	24
161	Measurement of correlations between pions from different W's in $e^+e^- \rightarrow W^+W^-$ events. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997 , 401, 181-191	4.2	24
160	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> , 1998 , 444, 491-502	4.2	24
159	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
158	A SEARCH FOR POINT SOURCES OF EeV PHOTONS. <i>Astrophysical Journal</i> , 2014 , 789, 160	4.7	23
157	Observation of coherent neutrino-nucleus elastic scattering at a beta beam. <i>Physical Review D</i> , 2006 , 74,	4.9	23
156	Measurement of the $(\mathrm{B}^0_{\mathrm{s}})$ lifetime and study of $(\mathrm{B}^0_{\mathrm{s}})$ - $(\overline{\mathrm{B}}^0_{\mathrm{s}})$ oscillations using $(\mathrm{D}_{\mathrm{s}}^{\mathrm{ell}})$ events. <i>European Physical Journal C</i> , 2000 , 16, 555-578	4.2	23
155	The effect of the geomagnetic field on cosmic ray energy estimates and large scale anisotropy searches on data from the Pierre Auger Observatory. <i>Journal of Cosmology and Astroparticle Physics</i> , 2011 , 2011, 022-022	6.4	22
154	The rapid atmospheric monitoring system of the Pierre Auger Observatory. <i>Journal of Instrumentation</i> , 2012 , 7, P09001-P09001	1	22
153	Study of rare b decays with the DELPHI detector at LEP. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1996 , 72, 207-220		22
152	Search for correlations between the arrival directions of IceCube neutrino events and ultrahigh-energy cosmic rays detected by the Pierre Auger Observatory and the Telescope Array. <i>Journal of Cosmology and Astroparticle Physics</i> , 2016 , 2016, 037-037	6.4	21
151	A SEARCH FOR POINT SOURCES OF EeV NEUTRONS. <i>Astrophysical Journal</i> , 2012 , 760, 148	4.7	21
150	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	4.2	21
149	Measurement of $ V_{cs} $ using W decays at LEP2. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998 , 439, 209-224	4.2	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	4.2	21
147	Measurement of inclusive D , $F_0(980)$, $F_2(1270)$, K and $F_2'(1525)$ production in Z^0 decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999 , 449, 364-382	4.2	21
146	Techniques for measuring aerosol attenuation using the Central Laser Facility at the Pierre Auger Observatory. <i>Journal of Instrumentation</i> , 2013 , 8, P04009-P04009	1	20
145	Detection of Cherenkov light emission in liquid argon. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2004 , 516, 348-363 ^{1,2}	1.2	20
144	Performance of the 10m ³ ICARUS liquid argon prototype. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2003 , 498, 292-311	1.2	20
143	Determination of $(P(c \rightarrow D^{*+}))$ and $(BR(c \rightarrow \Lambda^+))$ at LEP 1. <i>European Physical Journal C</i> , 2000 , 12, 209-224	4.2	20
142	Measurements of the trilinear gauge boson couplings WWV ($V=Z$) in e^+e^- collisions at 183 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999 , 459, 382-396	4.2	20
141	Kaon interference in the hadronic decays of the Z^0 . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1996 , 379, 330-340	4.2	20
140	Results of a self-triggered prototype system for radio-detection of extensive air showers at the Pierre Auger Observatory. <i>Journal of Instrumentation</i> , 2012 , 7, P11023-P11023	1	19
139	First results on light readout from the 1-ton ArDM liquid argon detector for dark matter searches. <i>Journal of Instrumentation</i> , 2010 , 5, P11003-P11003	1	19
138	Search for stable heavy charged particles in e^+e^- collisions at , 161 and 172 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997 , 396, 315-326	4.2	19
137	The Search for Neutrinos from TXS 0506+056 with the ANTARES Telescope. <i>Astrophysical Journal Letters</i> , 2018 , 863, L30	7.9	19
136	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	4.2	18
135	Measurement of inclusive $K^*(892)$, $\rho(1020)$ and $\rho(1430)$ production in hadronic Z decays DELPHI Collaboration. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1996 , 73, 61-72		18
134	Search for anomalous production of single photons at and 136 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1996 , 380, 471-479	4.2	18
133	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
132	A search for τ_c production in photon-photon fusion at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998 , 441, 479-490	4.2	17
131	Study of radiative leptonic events with hard photons and search for excited charged leptons at GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1996 , 380, 480-490	4.2	17

130	A precise measurement of the B _{0d} meson lifetime using a new technique. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1997 , 74, 19-32		16
129	Measurement of B _{0d} - oscillations. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1997 , 76, 579-598		16
128	A measurement of β_s from the scaling violation in e ⁺ e ⁻ annihilation. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997 , 398, 194-206	4.2	16
127	A study of the Lorentz structure in tau decays. <i>European Physical Journal C</i> , 2000 , 16, 229-252	4.2	16
126	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> , 1999 , 462, 410-424	4.2	16
125	A precise measurement of the tau lepton lifetime. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1996 , 365, 448-460	4.2	16
124	Nanosecond-level time synchronization of autonomous radio detector stations for extensive air showers. <i>Journal of Instrumentation</i> , 2016 , 11, P01018-P01018	1	15
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