

Juan Jos Hernandez-Rey

List of Publications by Year in Descending Order

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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	Science with Neutrino Telescopes in Spain. <i>Universe</i> , 2022 , 8, 89	2.5	
292	Search for Neutrinos from the Tidal Disruption Events AT2019dsg and AT2019fdr with the ANTARES Telescope. <i>Astrophysical Journal</i> , 2021 , 920, 50	4.7	3
291	Sensitivity to light sterile neutrino mixing parameters with KM3NeT/ORCA. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	0
290	Architecture and performance of the KM3NeT front-end firmware. <i>Journal of Astronomical Telescopes, Instruments, and Systems</i> , 2021 , 7,	1.1	4
289	Event reconstruction for KM3NeT/ORCA using convolutional neural networks. <i>Journal of Instrumentation</i> , 2020 , 15, P10005-P10005	1	4
288	Search for dark matter towards the Galactic Centre with 11 years of ANTARES data. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2020 , 805, 135439	4.2	12
287	Search for neutrino counterparts of gravitational-wave events detected by LIGO and Virgo during run O2 with the ANTARES telescope. <i>European Physical Journal C</i> , 2020 , 80, 1	4.2	4
286	Dependence of atmospheric muon flux on seawater depth measured with the first KM3NeT detection units. <i>European Physical Journal C</i> , 2020 , 80, 1	4.2	11
285	Observation of the cosmic ray shadow of the Sun with the ANTARES neutrino telescope. <i>Physical Review D</i> , 2020 , 102,	4.9	1
284	ANTARES and IceCube Combined Search for Neutrino Point-like and Extended Sources in the Southern Sky. <i>Astrophysical Journal</i> , 2020 , 892, 92	4.7	13
283	gSeaGen: The KM3NeT GENIE-based code for neutrino telescopes. <i>Computer Physics Communications</i> , 2020 , 256, 107477	4.2	8
282	Combined search for neutrinos from dark matter self-annihilation in the Galactic Center with ANTARES and IceCube. <i>Physical Review D</i> , 2020 , 102,	4.9	11
281	Deep-sea deployment of the KM3NeT neutrino telescope detection units by self-unrolling. <i>Journal of Instrumentation</i> , 2020 , 15, P11027-P11027	1	3
280	The Control Unit of the KM3NeT Data Acquisition System. <i>Computer Physics Communications</i> , 2020 , 256, 107433	4.2	3
279	Review of Particle Physics. <i>Progress of Theoretical and Experimental Physics</i> , 2020 , 2020,	5.4	1112
278	Model-independent search for neutrino sources with the ANTARES neutrino telescope. <i>Astroparticle Physics</i> , 2020 , 114, 35-47	2.4	1
277	Letter of interest for a neutrino beam from Protvino to KM3NeT/ORCA. <i>European Physical Journal C</i> , 2019 , 79, 1	4.2	3

276	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
275	Sensitivity of the KM3NeT/ARCA neutrino telescope to point-like neutrino sources. <i>Astroparticle Physics</i> , 2019 , 111, 100-110	2.4	29
274	Measuring the atmospheric neutrino oscillation parameters and constraining the 3+1 neutrino model with ten years of ANTARES data. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	10
273	ANTARES Neutrino Search for Time and Space Correlations with IceCube High-energy Neutrino Events. <i>Astrophysical Journal</i> , 2019 , 879, 108	4.7	3
272	KM3NeT front-end and readout electronics system: hardware, firmware, and software. <i>Journal of Astronomical Telescopes, Instruments, and Systems</i> , 2019 , 5, 1	1.1	10
271	A Search for Cosmic Neutrino and Gamma-Ray Emitting Transients in 7.3 yr of ANTARES and Fermi LAT Data. <i>Astrophysical Journal</i> , 2019 , 886, 98	4.7	3
270	The search for high-energy neutrinos coincident with fast radio bursts with the ANTARES neutrino telescope. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 482, 184-193	4.3	7
269	The SURvey for Pulsars and Extragalactic Radio Bursts II. New FRB discoveries and their follow-up. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 475, 1427-1446	4.3	126
268	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
267	Review of Particle Physics*. <i>Physical Review D</i> , 2018 , 98,	4.9	4401
266	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
265	The cosmic ray shadow of the Moon observed with the ANTARES neutrino telescope. <i>European Physical Journal C</i> , 2018 , 78, 1006	4.2	8
264	Long-term monitoring of the ANTARES optical module efficiencies using (^{40}K) decays in sea water. <i>European Physical Journal C</i> , 2018 , 78, 1	4.2	7
263	Characterisation of the Hamamatsu photomultipliers for the KM3NeT Neutrino Telescope. <i>Journal of Instrumentation</i> , 2018 , 13, P05035-P05035	1	14
262	The Search for Neutrinos from TXS 0506+056 with the ANTARES Telescope. <i>Astrophysical Journal Letters</i> , 2018 , 863, L30	7.9	19
261	Time-dependent search for neutrino emission from X-ray binaries with the ANTARES telescope. <i>Journal of Cosmology and Astroparticle Physics</i> , 2017 , 2017, 019-019	6.4	6
260	Sperm whale long-range echolocation sounds revealed by ANTARES, a deep-sea neutrino telescope. <i>Scientific Reports</i> , 2017 , 7, 45517	4.9	17
259	Results from the search for dark matter in the Milky Way with 9 years of data of the ANTARES neutrino telescope. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017 , 769, 249-254	4.2	38

258	Search for dark matter annihilation in the earth using the ANTARES neutrino telescope. <i>Physics of the Dark Universe</i> , 2017 , 16, 41-48	4.4	14
257	A polarized fast radio burst at low Galactic latitude. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 ,	4.3	39
256	First all-flavor neutrino pointlike source search with the ANTARES neutrino telescope. <i>Physical Review D</i> , 2017 , 96,	4.9	44
255	Multi-messenger Observations of a Binary Neutron Star Merger. <i>Astrophysical Journal Letters</i> , 2017 , 848, L12	7.9	1935
254	Search for high-energy neutrinos from bright GRBs with ANTARES. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 , 469, 906-915	4.3	16
253	New constraints on all flavor Galactic diffuse neutrino emission with the ANTARES telescope. <i>Physical Review D</i> , 2017 , 96,	4.9	24
252	Search for high-energy neutrinos from gravitational wave event GW151226 and candidate LVT151012 with ANTARES and IceCube. <i>Physical Review D</i> , 2017 , 96,	4.9	32
251	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
250	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
249	Stacked search for time shifted high energy neutrinos from gamma ray bursts with the Antares neutrino telescope. <i>European Physical Journal C</i> , 2017 , 77, 1	4.2	6
248	An algorithm for the reconstruction of high-energy neutrino-induced particle showers and its application to the ANTARES neutrino telescope. <i>European Physical Journal C</i> , 2017 , 77, 419	4.2	9
247	Search for relativistic magnetic monopoles with five years of the ANTARES detector data. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	8
246	All-sky search for high-energy neutrinos from gravitational wave event GW170104 with the Antares neutrino telescope. <i>European Physical Journal C</i> , 2017 , 77, 1	4.2	11
245	An Algorithm for the Reconstruction of Neutrino-induced Showers in the ANTARES Neutrino Telescope. <i>Astronomical Journal</i> , 2017 , 154, 275	4.9	8
244	High-energy neutrino follow-up search of gravitational wave event GW150914 with ANTARES and IceCube. <i>Physical Review D</i> , 2016 , 93,	4.9	80
243	Review of Particle Physics. <i>Chinese Physics C</i> , 2016 , 40, 100001	2.2	3442
242	MURCHISON WIDEFIELD ARRAY LIMITS ON RADIO EMISSION FROM ANTARES NEUTRINO EVENTS. <i>Astrophysical Journal Letters</i> , 2016 , 820, L24	7.9	8
241	The prototype detection unit of the KM3NeT detector. <i>European Physical Journal C</i> , 2016 , 76, 1	4.2	25

240	A search for Secluded Dark Matter in the Sun with the ANTARES neutrino telescope. <i>Journal of Cosmology and Astroparticle Physics</i> , 2016 , 2016, 016-016	6.4	21
239	Optical and X-ray early follow-up of ANTARES neutrino alerts. <i>Journal of Cosmology and Astroparticle Physics</i> , 2016 , 2016, 062-062	6.4	20
238	A method to stabilise the performance of negatively fed KM3NeT photomultipliers. <i>Journal of Instrumentation</i> , 2016 , 11, P12014-P12014	1	4
237	Letter of intent for KM3NeT 2.0. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2016 , 43, 084001	2.9	333
236	Limits on dark matter annihilation in the sun using the ANTARES neutrino telescope. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 759, 69-74	4.2	56
235	THE FIRST COMBINED SEARCH FOR NEUTRINO POINT-SOURCES IN THE SOUTHERN HEMISPHERE WITH THE ANTARES AND ICECUBE NEUTRINO TELESCOPES. <i>Astrophysical Journal</i> , 2016 , 823, 65	4.7	40
234	Time calibration with atmospheric muon tracks in the ANTARES neutrino telescope. <i>Astroparticle Physics</i> , 2016 , 78, 43-51	2.4	5
233	Constraints on the neutrino emission from the Galactic Ridge with the ANTARES telescope. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 760, 143-148	4.2	25
232	Recent results of the ANTARES neutrino telescope 2015 ,		1
231	Search of dark matter annihilation in the galactic centre using the ANTARES neutrino telescope. <i>Journal of Cosmology and Astroparticle Physics</i> , 2015 , 2015, 068-068	6.4	21
230	Search for muon-neutrino emission from GeV and TeV gamma-ray flaring blazars using five years of data of the ANTARES telescope. <i>Journal of Cosmology and Astroparticle Physics</i> , 2015 , 2015, 014-014	6.4	6
229	ANTARES constrains a blazar origin of two IceCube PeV neutrino events. <i>Astronomy and Astrophysics</i> , 2015 , 576, L8	5.1	13
228	A search for neutrino emission from the Fermi bubbles with the ANTARES telescope. <i>European Physical Journal C</i> , 2014 , 74, 1	4.2	23
227	The KM3NeT neutrino telescope: Status and prospects. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2014 , 742, 77-81	1.2	2
226	A search for time dependent neutrino emission from microquasars with the ANTARES telescope. <i>Journal of High Energy Astrophysics</i> , 2014 , 3-4, 9-17	2.5	8
225	Constraining the neutrino emission of gravitationally lensed Flat-Spectrum Radio Quasars with ANTARES data. <i>Journal of Cosmology and Astroparticle Physics</i> , 2014 , 2014, 017-017	6.4	4
224	Deep sea tests of a prototype of the KM3NeT digital optical module. <i>European Physical Journal C</i> , 2014 , 74, 1	4.2	34
223	Searches for clustering in the time integrated skymap of the ANTARES neutrino telescope. <i>Journal of Cosmology and Astroparticle Physics</i> , 2014 , 2014, 001-001	6.4	8

222	Review of Particle Physics. <i>Chinese Physics C</i> , 2014 , 38, 090001	2.2	5549
221	SEARCHES FOR POINT-LIKE AND EXTENDED NEUTRINO SOURCES CLOSE TO THE GALACTIC CENTER USING THE ANTARES NEUTRINO TELESCOPE. <i>Astrophysical Journal Letters</i> , 2014 , 786, L5	7.9	83
220	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> , 2013 , 725, 7-12	1.2	
219	Measurement of the atmospheric μ energy spectrum from 100 GeV to 200 TeV with the ANTARES telescope. <i>European Physical Journal C</i> , 2013 , 73, 1	4.2	48
218	Detection potential of the KM3NeT detector for high-energy neutrinos from the Fermi bubbles. <i>Astroparticle Physics</i> , 2013 , 42, 7-14	2.4	22
217	First results on dark matter annihilation in the Sun using the ANTARES neutrino telescope. <i>Journal of Cosmology and Astroparticle Physics</i> , 2013 , 2013, 032-032	6.4	11
216	First search for neutrinos in correlation with gamma-ray bursts with the ANTARES neutrino telescope. <i>Journal of Cosmology and Astroparticle Physics</i> , 2013 , 2013, 006-006	6.4	5
215	A first search for coincident gravitational waves and high energy neutrinos using LIGO, Virgo and ANTARES data from 2007. <i>Journal of Cosmology and Astroparticle Physics</i> , 2013 , 2013, 008-008	6.4	29
214	SEARCH FOR A CORRELATION BETWEEN ANTARES NEUTRINOS AND PIERRE AUGER OBSERVATORY UHECRs ARRIVAL DIRECTIONS. <i>Astrophysical Journal</i> , 2013 , 774, 19	4.7	9
213	Search for muon neutrinos from gamma-ray bursts with the ANTARES neutrino telescope using 2008 to 2011 data. <i>Astronomy and Astrophysics</i> , 2013 , 559, A9	5.1	50
212	Expansion cone for the 3-inch PMTs of the KM3NeT optical modules. <i>Journal of Instrumentation</i> , 2013 , 8, T03006-T03006	1	12
211	Deep-sea bioluminescence blooms after dense water formation at the ocean surface. <i>PLoS ONE</i> , 2013 , 8, e67523	3.7	46
210	A method for detection of muon induced electromagnetic showers with the ANTARES detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2012 , 675, 56-62	1.2	1
209	SEARCH FOR COSMIC NEUTRINO POINT SOURCES WITH FOUR YEARS OF DATA FROM THE ANTARES TELESCOPE. <i>Astrophysical Journal</i> , 2012 , 760, 53	4.7	90
208	Measurement of atmospheric neutrino oscillations with the ANTARES neutrino telescope. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 714, 224-230	4.2	58
207	Search for neutrino emission from gamma-ray flaring blazars with the ANTARES telescope. <i>Astroparticle Physics</i> , 2012 , 36, 204-210	2.4	16
206	The ANTARES telescope neutrino alert system. <i>Astroparticle Physics</i> , 2012 , 35, 530-536	2.4	35
205	Measurement of the group velocity of light in sea water at the ANTARES site. <i>Astroparticle Physics</i> , 2012 , 35, 552-557	2.4	2

204	Search for relativistic magnetic monopoles with the ANTARES neutrino telescope. <i>Astroparticle Physics</i> , 2012 , 35, 634-640	2.4	38
203	The positioning system of the ANTARES Neutrino Telescope. <i>Journal of Instrumentation</i> , 2012 , 7, T08002-T08006	2.4	36
202	Recent results of the ANTARES neutrino telescope. <i>Journal of Physics: Conference Series</i> , 2012 , 375, 052035	2.4	35
201	Acoustic and optical variations during rapid downward motion episodes in the deep north-western Mediterranean Sea. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2011 , 58, 875-884	2.5	12
200	FIRST SEARCH FOR POINT SOURCES OF HIGH-ENERGY COSMIC NEUTRINOS WITH THE ANTARES NEUTRINO TELESCOPE. <i>Astrophysical Journal Letters</i> , 2011 , 743, L14	7.9	35
199	ANTARES: The first undersea neutrino telescope. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2011 , 656, 11-38	1.2	363
198	A fast algorithm for muon track reconstruction and its application to the ANTARES neutrino telescope. <i>Astroparticle Physics</i> , 2011 , 34, 652-662	2.4	63
197	AMADEUS: The acoustic neutrino detection test system of the ANTARES deep-sea neutrino telescope. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2011 , 626-627, 128-143	1.2	50
196	Neutrino Telescopes. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2011 , 217, 255-260		
195	Time calibration of the ANTARES neutrino telescope. <i>Astroparticle Physics</i> , 2011 , 34, 539-549	2.4	67
194	Search for a diffuse flux of high-energy . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 696, 16-22	4.2	56
193	Review of Particle Physics. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2010 , 37, 075021	2.9	4379
192	Measurement of the atmospheric muon flux with a 4GeV threshold in the ANTARES neutrino telescope. <i>Astroparticle Physics</i> , 2010 , 33, 86-90	2.4	31
191	Zenith distribution and flux of atmospheric muons measured with the 5-line ANTARES detector. <i>Astroparticle Physics</i> , 2010 , 34, 179-184	2.4	45
190	Performance of the front-end electronics of the ANTARES neutrino telescope. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2010 , 622, 59-73	1.2	43
189	Time calibration and positioning for KM3NeT. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2009 , 602, 183-186	1.2	5
188	Performance of the first ANTARES detector line. <i>Astroparticle Physics</i> , 2009 , 31, 277-283	2.4	37
187	Neutrino telescopes in the Mediterranean sea. <i>Journal of Physics: Conference Series</i> , 2009 , 171, 012047	0.3	3

186	The expectation maximization algorithm applied to the search of point sources of astroparticles. <i>Astroparticle Physics</i> , 2008 , 29, 117-124	2.4	18
185	The ANTARES optical beacon system. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2007 , 578, 498-509	1.2	49
184	Studies of a full-scale mechanical prototype line for the ANTARES neutrino telescope and tests of a prototype instrument for deep-sea acoustic measurements. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2007 , 581, 695-708	1.2	11
183	The data acquisition system for the ANTARES neutrino telescope. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2007 , 570, 107-116	1.2	113
182	Review of Particle Physics. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2006 , 33, 1-1232	2.9	3486
181	First results of the Instrumentation Line for the deep-sea ANTARES neutrino telescope. <i>Astroparticle Physics</i> , 2006 , 26, 314-324	2.4	76
180	Precision electroweak measurements on the Z resonance. <i>Physics Reports</i> , 2006 , 427, 257-454	27.7	730
179	Study of large hemispherical photomultiplier tubes for the ANTARES neutrino telescope. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2005 , 555, 132-141	1.2	61
178	Transmission of light in deep sea water at the site of the Antares neutrino telescope. <i>Astroparticle Physics</i> , 2005 , 23, 131-155	2.4	79
177	The Neutrino Telescope Antares. <i>Astrophysics and Space Science</i> , 2005 , 297, 257-267	1.6	2
176	The Neutrino Telescope Antares 2005 , 257-267		
175	Review of Particle Physics. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2004 , 592, 1-5	4.2	3560
174	Expected performances of the future neutrino telescope ANTARES. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2003 , 114, 211-216		2
173	Sedimentation and fouling of optical surfaces at the ANTARES site. <i>Astroparticle Physics</i> , 2003 , 19, 253-267		46
172	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
171	Review of Particle Properties. <i>Physical Review D</i> , 2002 , 66,	4.9	2767
170	Measurement of the ZZ cross-section in e+e- interactions at 183 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2001 , 497, 199-213	4.2	6
169	Search for R-parity violation with a U D D coupling at s=189 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2001 , 500, 22-36	4.2	11

168	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> , 2001 , 499, 23-37	4.2	61
167	Measurement of trilinear gauge boson couplings WWV , $(V?Z,\gamma)$ in $e+e\rightarrow$ collisions at 189 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2001 , 502, 9-23	4.2	26
166	Search for spontaneous R-parity violation at GeV and 189 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2001 , 502, 24-36	4.2	10
165	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> , 2001 , 503, 34-48	4.2	3
164	Search for a fermiophobic Higgs at LEP 2. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2001 , 507, 89-103	4.2	24
163	Measurement of the mass and width of the W boson in $e+e\rightarrow$ collisions at GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2001 , 511, 159-177	4.2	14
162	Measurement of V_{cb} from the decay process $B \rightarrow D^* + \gamma$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2001 , 510, 55-74	4.2	32
161	Single intermediate vector boson production in $e+e\rightarrow$ collisions at $s=183$ and 189 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2001 , 515, 238-254	4.2	8
160	Measurement of the branching fraction. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000 , 475, 407-428	4.2	13
159	Inclusive χ and $\chi(1520)$ production in hadronic Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000 , 475, 429-447	4.2	9
158	Search for heavy stable and long-lived particles in $e+e\rightarrow$ collisions at GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000 , 478, 65-72	4.2	21
157	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
156	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> , 2000 , 479, 118-128	4.2	15
155	Search for charginos in $e+e\rightarrow$ interactions at $s=189$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000 , 479, 129-143	4.2	8
154	W pair production cross-section and W branching fractions in $e+e\rightarrow$ interactions at 189 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000 , 479, 89-100	4.2	18
153	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> , 2000 , 485, 45-61	4.2	47
152	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> , 2000 , 485, 95-106	4.2	10
151	Search for SUSY with R-parity violating couplings at GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000 , 487, 36-52	4.2	17

150	Rapidity-rank structure of pp pairs in hadronic Z0 decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000 , 490, 61-70	4.2	3
149	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> , 2000 , 489, 38-54	4.2	12
148	Determination of the $e^+e^- \rightarrow \mu^+\mu^-$ 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> , 2000 , 491, 67-80	4.2	14
147	Upper limit for the decay $B \rightarrow \mu^+\mu^-$ and measurement of the $b \rightarrow \mu^+\mu^-$ branching ratio. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000 , 496, 43-58	4.2	13
146	Search for supersymmetric partners of top and bottom quarks at $\sqrt{s}=189$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000 , 496, 59-75	4.2	14
145	B polarization in Z0 decays at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000 , 474, 205-222	4.2	11
144	Searches for neutral Higgs bosons in (e^+e^-) collisions around $(\sqrt{s}) = 189$ GeV. <i>European Physical Journal C</i> , 2000 , 17, 187-205	4.2	11
143	Measurement of the (B^0_s) lifetime and study of $(B^0_s) - (\overline{B^0_s})$ oscillations using (D_s^{ell}) events. <i>European Physical Journal C</i> , 2000 , 16, 555-578	4.2	23
142	Search for supersymmetric particles in scenarios with a gravitino LSP and stau NLSP. <i>European Physical Journal C</i> , 2000 , 16, 211-228	4.2	6
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