

Adalberto Sciubba

List of Publications by Year in descending order

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292
papers

10,704
citations

31949

53
h-index

45285

90
g-index

295
all docs

295
docs citations

295
times ranked

9033
citing authors

#	ARTICLE	IF	CITATIONS
1	The LHCb Detector at the LHC. Journal of Instrumentation, 2008, 3, S08005-S08005.	0.5	969
2	Measurement of the atmospheric neutrino-induced upgoing muon flux using MACRO. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 434, 451-457.	1.5	315
3	Measurement of J/ψ production in pp collisions at $\sqrt{s}=7\text{ TeV}$. European Physical Journal C, 2011, 71, 1.	1.4	238
4	The tracking detector of the KLOE experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2002, 488, 51-73.	0.7	232
5	Physics with the KLOE-2 experiment at the upgraded DAΦNE. European Physical Journal C, 2010, 68, 619-681.	1.4	222
6	Differential branching fractions and isospin asymmetries of $B \rightarrow K^{(*)} \ell^+ \ell^-$ decays. Journal of High Energy Physics, 2014, 2014, 1.	1.6	206
7	Measurement of $\langle m_{\text{eff}} \rangle$. <small>xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:tbl_struct="http://www.elsevier.com/xml/common/struct-bib/dtd" xmlns:struct="http://www.elsevier.com/xml/common/struct-bib/dtd" xmlns:tbl_struct="http://www.elsevier.com/xml/common/struct-bib/dtd" xmlns:tbl_struct="http://www.elsevier.com/xml/common/struct-bib/dtd"</small>	1.5	194
8	Observation of $X(3872)$ production in pp collisions at $\sqrt{s}=7\text{ TeV}$. European Physical Journal C, 2012, 72, 1.	1.4	153
9	Matter effects in upward-going muons and sterile neutrino oscillations. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 517, 59-66.	1.5	151
10	Vertical muon intensity measured with MACRO at the Gran Sasso laboratory. Physical Review D, 1995, 52, 3793-3802.	1.6	149
11	Study of the decay $\tilde{\tau} \rightarrow \tau \tilde{e} \tilde{e}^3$ with the KLOE detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 537, 21-27.	1.5	148
12	Performance of the LHCb muon system. Journal of Instrumentation, 2013, 8, P02022-P02022.	0.5	145
13	Measurement of $\langle m_{\text{eff}} \rangle$.		

#	ARTICLE	IF	CITATIONS
19	Seasonal variations in the underground muon intensity as seen by MACRO. <i>Astroparticle Physics</i> , 1997, 7, 109-124.	1.9	107
20	Measurement of Υ' production in pp collisions at $\sqrt{s}=7\text{-TeV}$. <i>European Physical Journal C</i> , 2012, 72, 2025.	1.4	106
21	Study of the decay $\Upsilon\rightarrow\Upsilon'\rightarrow\Upsilon\rightarrow\Upsilon'$ with the KLOE detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2002, 536, 209-216.	1.5	105
22	Observation of double charm production involving open charm in pp collisions at $\sqrt{s}=7\text{-TeV}$. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	1.6	103
23	Differential branching fraction and angular analysis of the decay $B_s^0\rightarrow\Upsilon'\rightarrow\Upsilon'\rightarrow\Upsilon'$. <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	1.6	103
24	Atmospheric neutrino oscillations from upward throughgoing muon multiple scattering in MACRO. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2003, 566, 35-44.	1.5	97
25	Measurement of the pseudoscalar mixing angle and χ minimum of χ in χ production. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2001, 500, 1-4.	1.5	97
26	Toward Radioguided Surgery with Υ' Decays: Uptake of a Somatostatin Analogue, DOTATOC, in Meningioma and High-Grade Glioma. <i>Journal of Nuclear Medicine</i> , 2015, 56, 3-8.	2.8	92
27	Measurement of the fragmentation fraction ratio f_s/f_d and its dependence on B meson kinematics. <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	1.6	89
28	Atmospheric neutrino flux measurement using upgoing muons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995, 357, 481-486.	1.5	83
29	Measurement of $\Upsilon'(2S)$ meson production in pp collisions at $\sqrt{s}=7\text{-TeV}$. <i>European Physical Journal C</i> , 2012, 72, 2100.	1.4	83
30	Study of D J meson decays to $D\rightarrow\Upsilon'$, $D\rightarrow\Upsilon'$ and $D\rightarrow\Upsilon'$ final states in pp collisions. <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	1.6	82
31	The trigger system of the KLOE experiment. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2002, 492, 134-146.	0.7	78
32	Limits on dark matter WIMPs using upward-going muons in the MACRO detector. <i>Physical Review D</i> , 1999, 60, .	1.6	74
33	Study of J/ψ production and cold nuclear matter effects in pPb collisions at $\sqrt{s_{NN}}=5\text{-TeV}$. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	1.6	74
34	Low energy atmospheric muon neutrinos in MACRO. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000, 478, 5-13.	1.5	73
35	Measurement of the $\Upsilon_c(1S)$ production cross-section in proton-proton collisions via		

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37	Differential branching fraction and angular analysis of the $B \rightarrow \hat{\pi}^+ K + \hat{\pi}^+ K + \hat{\pi}^+ \hat{\pi}^0$ decay. Journal of High Energy Physics, 2013, 2013, 1.	1.6	72
38	The cosmic ray primary composition between 1015 and 1016 eV from Extensive Air Showers electromagnetic and TeV muon data. Astroparticle Physics, 2004, 20, 641-652.	1.9	71
39	Inclusive W and Z production in the forward region at $\sqrt{s} = 7, \sqrt{13}$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	71
40	Performance of the Muon Identification at LHCb. Journal of Instrumentation, 2013, 8, P10020-P10020.	0.5	69
41	Measurements of the absolute branching ratios for the dominant $B \rightarrow \hat{\pi}^+ K$ decays. Journal of High Energy Physics, 2013, 2013, 1.	1.5	68
42	First observation of quantum interference in the process $B \rightarrow \hat{\pi}^+ K$. Journal of High Energy Physics, 2013, 2013, 1.	1.5	66
43	Neutrino Astronomy with the MACRO Detector. Astrophysical Journal, 2001, 546, 1038-1054.	1.6	65
44	Measurement of the isospin asymmetry in $B \rightarrow \hat{\pi}^+ K$ decays. Journal of High Energy Physics, 2012, 2012, 165	1.6	65
45	Production of J/ψ and Υ mesons in pp collisions at $\sqrt{s}=8$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	1.6	65
46	Dalitz plot analysis of $e^+e^- \rightarrow \hat{\pi}^+ \hat{\pi}^- \pi^0$ events at $\sqrt{s} = M_{\psi(2S)}$ with the KLOE detector. European Physical Journal C, 2007, 49, 473.	1.4	62
47	Study of the branching ratio and charge asymmetry for the decay $B \rightarrow \hat{\pi}^+ K$. Journal of High Energy Physics, 2013, 2013, 1.	1.5	61
48	The MACRO detector at Gran Sasso. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2002, 486, 663-707.	0.7	60
49	Measurement of the branching ratio and charge asymmetry for the decay $B \rightarrow \hat{\pi}^+ K$. Journal of High Energy Physics, 2013, 2013, 1.	1.5	60
50	Measurement of charged particle yields from PMMA irradiated by a 220 MeV/u ^{12}C beam. Physics in Medicine and Biology, 2014, 59, 1857-1872.	1.6	60
51	Opposite-side flavour tagging of B mesons at the LHCb experiment. European Physical Journal C, 2012, 72, 2022.	1.4	58
52	Search for massive long-lived particles decaying semileptonically in the LHCb detector. European Physical Journal C, 2017, 77, 224.	1.4	54
53	Carbon fragmentation measurements and validation of the Geant4 nuclear reaction models for hadrontherapy. Physics in Medicine and Biology, 2012, 57, 7651-7671.	1.6	53
54	Measurement of the cross-section for $Z \rightarrow e^+e^-$ production in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	1.6	53

#	ARTICLE	IF	CITATIONS
55	Measurement of $\psi(2S)$ polarisation in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2014, 74, 2872.	1.4	53
56	Measurement of CP asymmetry in $D^0 \rightarrow K^+ K^-$ and $D^0 \rightarrow \bar{K}^0 \bar{K}^0$ decays. Journal of High Energy Physics, 2014, 2014, 1.	1.6	52
57	The macro detector at the Gran Sasso Laboratory. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1988, 264, 18-23.	0.7	50
58	Measurement of B meson production cross-sections in proton-proton collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	1.6	50
59	Search for the doubly charmed baryon Ξ_{cc}^+ . Journal of High Energy Physics, 2013, 2013, 1.	1.6	50
60	A novel radioguided surgery technique exploiting $\hat{\gamma}^0$ decays. Scientific Reports, 2014, 4, 4401.	1.6	48
61	Measurement of $\Gamma(\hat{\gamma}^0 \rightarrow \pi^+ \pi^-) / \Gamma(\hat{\gamma}^0 \rightarrow \pi^0 \pi^0)$ and the pseudoscalar mixing angle. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 541, 45-51.	1.5	47
62	The cosmic ray proton, helium and CNO fluxes in the 100 TeV energy region from TeV muons and EAS atmospheric Cherenkov light observations of MACRO and EAS-TOP. Astroparticle Physics, 2004, 21, 223-240.	1.9	47
63	Study of the decay $\hat{\gamma}^0 \rightarrow \pi^+ \pi^-$ with the KLOE detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 561, 55-60.	1.5	45
64	Study of penetrating cosmic ray muons and search for large scale anisotropies at the Gran Sasso Laboratory. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 249, 149-156.	1.5	44
65	Measurement of the absolute branching ratio for the $\hat{\gamma}^0 \rightarrow \pi^+ \pi^-$ decay. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 561, 55-60.	1.5	44
66	Search for long-lived particles decaying to jet pairs. European Physical Journal C, 2015, 75, 152.	1.4	44
67	Measurement of the DAΦNE luminosity with the KLOE detector using large angle Bhabha scattering. European Physical Journal C, 2006, 47, 589.	1.4	43
68	Measurement of the form-factor slopes for the decay $\hat{\gamma}^0 \rightarrow \pi^+ \pi^-$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 669, 223-228.	1.5	42
69	Study of the process $\hat{\gamma}^0 \rightarrow \pi^+ \pi^-$ in the $\hat{\gamma}$ -meson mass region with the KLOE detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 669, 223-228.	1.5	42
70	First observation of the decay $B_c^+ \rightarrow \pi^+ \{ \psi(K^+) \}$. Journal of High Energy Physics, 2013, 2013, 1.	1.6	41
71	Updated search for long-lived particles decaying to jet pairs. European Physical Journal C, 2017, 77, 812.	1.4	41
72	Study of the production of a strange ($S = \hat{1}$) dibaryon in the interactions of K^+ and \bar{K}^0 on deuterium below 1.5 GeV/c. Nuclear Physics B, 1985, 249, 172-188.	0.9	38

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73	Study of the ultrahigh-energy primary-cosmic-ray composition with the MACRO experiment. Physical Review D, 1992, 46, 895-902.	1.6	37
74	Charged particle μ^{\pm} s flux measurement from PMMA irradiated by 80 MeV/u carbon ion beam. Physics in Medicine and Biology, 2012, 57, 5667-5678.	1.6	37
75	Production of associated Υ and open charm hadrons in pp collisions at $\sqrt{s} = 7$ and 8 TeV via double parton scattering. Journal of High Energy Physics, 2016, 2016, 1.	1.6	37
76	The observation of up-going charged particles produced by high energy muons in underground detectors. Astroparticle Physics, 1998, 9, 105-117.	1.9	36
77	Measurement of the χ production cross-section in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	1.5	36
78	First observation of the decay $B \rightarrow \hat{\mu}^+ \hat{\nu} + \hat{\nu} + \hat{\nu}$. Journal of High Energy Physics, 2012, 2012, 1.	1.6	36
79	Measurement of the relative rate of prompt $\hat{c}0$, $\hat{c}1$ and $\hat{c}2$ production at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	1.6	36
80	Search for diffuse neutrino flux from astrophysical sources with MACRO. Astroparticle Physics, 2003, 19, 1-13.	1.9	35
81	Observation of the $\hat{b} \rightarrow \hat{c} \hat{\nu}$ decay. Journal of High Energy Physics, 2014, 2014, 1.	1.6	35
82	Properties of para-Terphenyl as a Detector for α and β radiation. IEEE Transactions on Nuclear Science, 2014, 61, 1483-1487.	1.2	35
83	Study of the primary cosmic ray composition around the knee of the energy spectrum. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 337, 376-382.	1.5	34
84	Addendum: Observation of double charm production involving open charm in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	1.6	34
85	Measurement of the J/ψ pair production cross-section in pp collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	34
86	A-dependence of the charm production cross section in interactions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1987, 191, 456-461.	1.5	33
87	Study of $\hat{\nu}$ production and cold nuclear matter effects in pPb collisions at $\sqrt{s_{NN}} = 5$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	1.6	33
88	Search for nuclearites using the MACRO detector. Physical Review Letters, 1992, 69, 1860-1863.	2.9	32
89	Measurement of the residual energy of muons in the Gran Sasso underground laboratories. Astroparticle Physics, 2003, 19, 313-328.	1.9	32
90	Search for the lepton flavour violating decay $\hat{l}_i \rightarrow \hat{l}_j \hat{\nu} + \hat{\nu} + \hat{\nu}$. Journal of High Energy Physics, 2015, 2015, 1.	1.6	32

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109	High energy cosmic ray physics with underground muons in MACRO. II. Primary spectra and composition. <i>Physical Review D</i> , 1997, 56, 1418-1436.	1.6	26
110	Scalar mesons at KLOE. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2009, 186, 290-293.	0.5	26
111	Precise measurement of prompt photon emission from 80 MeV/u carbon ion beam irradiation. <i>Journal of Instrumentation</i> , 2012, 7, P03001-P03001.	0.5	26
112	Measurement of prompt hadron production ratios in pp collisions at $\sqrt{s} = 0.9$ mbox{ and }7~\mathrm{TeV}. <i>European Physical Journal C</i> , 2012, 72, 1.	1.4	26
113	Measurement of mixing and CP violation parameters in two-body charm decays. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	1.6	26
114	Angular analysis of charged and neutral $B \rightarrow K^{1/4} + \hat{1/4} \hat{a}''$ decays. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	1.6	26
115	Time Evolution of DOTATOC Uptake in Neuroendocrine Tumors in View of a Possible Application of Radioguided Surgery with $\hat{1}^2^{\hat{a}^{\sim}}$ Decay. <i>Journal of Nuclear Medicine</i> , 2015, 56, 1501-1506.	2.8	26
116	The INSIDE Project: Innovative Solutions for In-Beam Dosimetry in Hadrontherapy. <i>Acta Physica Polonica A</i> , 2015, 127, 1465-1467.	0.2	26
117	Search for Higgs-like bosons decaying into long-lived exotic particles. <i>European Physical Journal C</i> , 2016, 76, 664.	1.4	26
118	Evidence for the existence of a new vector meson of mass 1.82 GeV observed in $e+e^{\sim}$ annihilations at Adone. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1977, 68, 389-392.	1.5	25
119	Search for neutrino bursts from collapsing stars with the MACRO detector. <i>Astroparticle Physics</i> , 1992, 1, 11-25.	1.9	25
120	Measurement of the branching ratio of the $\langle \text{mml:math altimg="si1.gif" overflow="scroll" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:sb="http://www.elsevier.com/xml/common/struct-bib/dtd" xmlns:ce="http://www.els. Physics$	1.5	25
121	Measurement of the forward energy flow in pp collisions at $\sqrt{s}=7$ mbox{TeV}. <i>European Physical Journal C</i> , 2013, 73, 2421.	1.4	25
122	Observation of the decay $B_c^{+} \rightarrow \hat{a}^{+} K + K \hat{a}^{+} \hat{e}^{+}$. <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	1.6	25
123	Study of forward Z + jet production in pp collisions at $\sqrt{s} = 7$ TeV. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	1.6	25
124	Searches for Λ_b^0 and Ξ_b^0 decays to $K_{\text{mathrm{S}}}^0 \pi^0$ and $K_{\text{mathrm{S}}}^0 K^0$ final states with first observation of the $\Lambda_b^0 \rightarrow K_{\text{mathrm{S}}}^0 \pi^0$ decay. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	1.6	25
125	Design of a new tracking device for on-line beam range monitor in carbon therapy. <i>Physica Medica</i> , 2017, 34, 18-27.	0.4	25
126	MONDO: a neutron tracker for particle therapy secondary emission characterisation. <i>Physics in Medicine and Biology</i> , 2017, 62, 3299-3312.	1.6	25

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127	Measurements of the branching fractions of $B^+ \rightarrow \rho^0 p$ K^+ decays. European Physical Journal C, 2013, 73, 2462.	1.4	24
128	Measurement of the forward W boson cross-section in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	1.6	24
129	Observation of Z production in proton-lead collisions at LHCb. Journal of High Energy Physics, 2014, 2014, 1.	1.6	24
130	Experimental study of uranium-scintillator and iron-scintillator calorimetry in the energy range 135–350 GeV. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1986, 243, 348-360.	0.7	23
131	The production of beauty particles in $\bar{u}u$ -U interactions at 320 GeV energy. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1987, 187, 431-436.	1.5	23
132	Precise measurement of $\Gamma(K_S^+ \rightarrow \pi^+ \pi^0) / \Gamma(K_S^+ \rightarrow \pi^+ \pi^0)$ with the KLOE detector at DAΦNE. European Physical Journal C, 2006, 48, 767.	1.4	23
133	Monitoring of Hadrontherapy Treatments by Means of Charged Particle Detection. Frontiers in Oncology, 2016, 6, 177.	1.3	23
134	Improvements in the CR39 polymer for the macro experiment at the Gran Sasso Laboratory. International Journal of Radiation Applications and Instrumentation Part D, Nuclear Tracks and Radiation Measurements, 1991, 19, 641-646.	0.6	22
135	Measurement of the slope parameter Γ_{\pm} with the KLOE detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 694, 16-21.	1.5	22
136	Measurement of the B_{\pm}^0 production cross-section in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	22
137	Measurement of the CKM angle $\hat{\beta}$ using $B_{\pm}^0 \rightarrow DK_{\pm}^0$ with $D \rightarrow \pi^+ \pi^- K^0$, $K^0 \rightarrow \pi^+ \pi^-$, $K^0 \rightarrow \pi^+ \pi^-$ decays. Journal of High Energy Physics, 2014, 2014, 1.	1.6	22
138	High statistics measurement of the underground muon pair separation at Gran Sasso. Physical Review D, 1999, 60, .	1.6	21
139	Search for CP violation using T-odd correlations in $D^0 \rightarrow K^+ K^- \pi^+ \pi^-$ decays. Journal of High Energy Physics, 2014, 2014, 1.	1.5	21
140	A precise measurement of the B^0 meson oscillation frequency. European Physical Journal C, 2016, 76, 412.	1.6	21
141	Search for the lepton-flavour violating decays $B^0 \rightarrow \tau^+ \tau^- \mu^+ \mu^-$. Journal of High Energy Physics, 2018, 2018, 1.	1.4	21
142	A hybrid experiment to search for beauty particles. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1989, 274, 64-78.	0.7	20
143	Decay time of light emission from cerium-doped scintillating glass. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1989, 281, 50-54.	0.7	20
144			

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145	Observation of the rare $\Lambda_c^+ \rightarrow \Lambda^0 \pi^+$ decay with the KLOE experiment. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 702, 324-328.		
146	Measurement of the Λ_c^+ mass and of the relative rate of $\Lambda_c^+ \rightarrow \Lambda^0 \pi^+$ and $\Lambda_c^+ \rightarrow \Lambda^0 \pi^0 \pi^+$ production. Journal of High Energy Physics, 2014, 2014, 1.	1.6	20
147	Measurement of fragmentation cross sections of C^{12} ions on a thin gold target with the FIRST apparatus. Physical Review C, 2016, 93, .	1.1	20
148	Updated measurement of time-dependent CP -violating observables in $B^0 \rightarrow \psi K^+ K^-$ decays. European Physical Journal C, 2019, 79, 1.	1.4	20
149	A-dependence of the charm production cross section in 300 GeV/c proton interactions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1988, 206, 546-550.	1.5	19
150	Simultaneous observation of extensive air showers and deep-underground muons at the Gran Sasso Laboratory. Physical Review D, 1990, 42, 1396-1403.	1.6	19
151	Review and performance of the Dose Profiler, a particle therapy treatments online monitor. Physica Medica, 2019, 65, 84-93.	0.4	19
152	Sources of noise in high-resolution tracking with scintillating fibres. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1990, 289, 356-364.	0.7	18
153	The performance of MACRO liquid scintillator in the search for magnetic monopoles with $10^{-3} < \hat{\mu}^2 < 1$. Astroparticle Physics, 1997, 6, 113-128.	1.9	18
154	Muon energy estimate through multiple scattering with the MACRO detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2002, 492, 376-386.	0.7	18
155	Measurement of $\Gamma(K_S^0 \rightarrow \pi^+ \pi^-) / \Gamma(K_S^0 \rightarrow \pi^0 \pi^0)$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 538, 21-26.	1.5	18
156	Measurement of V_0 production ratios in pp collisions at $\sqrt{s} = 0.9$ TeV and 7 TeV. Journal of High Energy Physics, 2011, 2011, 1.	1.6	18
157	Measurement of the fraction of Λ_c^+ originating from $\Lambda_c^+ \rightarrow \Lambda^0 \pi^+$ decays in pp collisions at $\sqrt{s} = 7, 14$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	18
158	High resolution time-of-flight measurements in small and large scintillation counters. Nuclear Instruments & Methods in Physics Research, 1981, 185, 49-65.	0.9	17
159	High energy cosmic ray physics with underground muons in MACRO. I. Analysis methods and experimental results. Physical Review D, 1997, 56, 1407-1417.	1.6	17
160	Search for lightly ionizing particles with the MACRO detector. Physical Review D, 2000, 62, .	1.6	17
161	Determination of $\Lambda_c^+ \rightarrow \Lambda^0 \pi^+$ Dalitz plot slopes and asymmetries with the KLOE detector. Journal of High Energy Physics, 2008, 2008, 006-006.	1.6	17
162	Calibration and performances of the KLOE calorimeter. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2009, 598, 239-243.	0.7	17

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163	Observation of $\Lambda_b^0 \rightarrow (2S) p K^+$ and $\Lambda_b^0 \rightarrow \bar{K}^0 p K^+$ decays and a measurement of the Λ_b^0 baryon Journal of High Energy Physics, 2016, 2016, 1.	1.6	17
164	Study of charmonium production in B -hadron decays and first evidence for the decay $B_s^0 \rightarrow \psi(3700) \phi \phi$. European Physical Journal C, 2017, 77, 609.	1.4	17
165	Improved limit on the branching fraction of the rare decay $B_s^0 \rightarrow \mu^+ \mu^- K_S^0$. European Physical Journal C, 2017, 77, 678.	1.4	17
166	Measurement of the $\eta_c(1S)$ production cross-section in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2020, 80, 1.	1.4	17
167	Measurement of the branching fraction for the decay $K_S^0 \rightarrow \pi^+ \pi^-$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 535, 37-42.	1.5	16
168	Evidence for the decay $B_c^+ \rightarrow \psi(3700) \pi^+$. Journal of High Energy Physics, 2014, 2014, 1.	1.6	16
169	Secondary radiation measurements for particle therapy applications: charged particles produced by ^4He and ^{12}C ion beams in a PMMA target at large angle. Physics in Medicine and Biology, 2018, 63, 055018.	1.6	16
170	Search for strange ($S = 2$) dibaryons in the reaction $K^+ + d \rightarrow K^+ + MM$ at 1.4 GeV/c. Nuclear Physics B, 1982, 209, 1-15.	0.9	15
171	Experimental study of non-linear effects of photomultiplier gain. Nuclear Instruments & Methods in Physics Research, 1984, 225, 104-112.	0.9	15
172	Experimental study of B production \bar{K}^0 - U interactions at 320 GeV energy. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1988, 202, 453-457.	1.5	15
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