

Fabrizio Murtas

List of Publications by Year in descending order

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456
papers

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36028

97
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462
all docs

462
docs citations

462
times ranked

7077
citing authors

#	ARTICLE	IF	CITATIONS
1	The LHCb Detector at the LHC. Journal of Instrumentation, 2008, 3, S08005-S08005.	1.2	969
2	ALEPH: A detector for electron-positron annihilations at LEP. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1990, 294, 121-178.	1.6	416
3	Performance of the ALEPH detector at LEP. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1995, 360, 481-506.	1.6	322
4	A measurement of the inclusive $b \rightarrow s$ branching ratio. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 429, 169-187.	4.1	259
5	Determination of the number of light neutrino species. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1989, 231, 519-529.	4.1	239
6	Measurement of J/ψ production in pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2011, 71, 1.	3.9	238
7	The KLOE electromagnetic calorimeter. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2002, 482, 364-386.	1.6	234
8	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.	1.6	232
9	χ production in pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2011, 71, 1.	4.1	194
10	Studies of Quantum Chromodynamics with the ALEPH detector. Physics Reports, 1998, 294, 1-165.	25.6	184
11	A precise measurement of $B \rightarrow D^* \ell \bar{\nu}_\ell$ hadrons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 313, 535-548.	4.1	149
12	Study of the decay $B \rightarrow D^* \ell \bar{\nu}_\ell$ with the KLOE detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 537, 21-27.	4.1	148
13	Measurement of $B \rightarrow D^* \ell \bar{\nu}_\ell$ with the KLOE detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 700, 102-110.	4.1	145
14	Performance of the LHCb muon system. Journal of Instrumentation, 2013, 8, P02022-P02022.	1.2	145
15	Measurement of $B \rightarrow D^* \ell \bar{\nu}_\ell$ with the KLOE detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 700, 102-110.	4.1	145

#	ARTICLE	IF	CITATIONS
19	Test of ϵ Crab-Waist Collisions at the DAΦNE Factory. Physical Review Letters, 2010, 104, 174801.	7.8	112
20	Measurement of $\hat{\rho}$ polarization from Z decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 374, 319-330.	4.1	106
21	Study of the decay $\hat{\rho} \rightarrow \pi^0 \pi^0$ with the KLOE detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 536, 209-216.	4.1	105
22	A precise determination of the number of families with light neutrinos and of the Z boson partial widths. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 235, 399-411.	4.1	104
23	Heavy flavour production in Z decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 244, 551-565.	4.1	101
24	A triple GEM detector with pad readout for high rate charged particle triggering. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2002, 488, 493-502.	1.6	101
25	First results on the SPS beam collimation with bent crystals. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 692, 78-82.	4.1	101
26	Measurement of the pseudoscalar-mixing angle and $\sin^2 \theta_{13}$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 692, 78-82.	4.1	97
27	Simultaneous determination of specific heat, thermal conductivity and thermal diffusivity at low temperature via the photopyroelectric technique. Applied Physics A: Solids and Surfaces, 1990, 51, 387-393.	1.4	91
28	Observation of channeling for 6500 GeV/c protons in the crystal assisted collimation setup for LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 758, 129-133.	4.1	90
29	Search for the neutral Higgs boson from Z0 decay. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 236, 233-244.	4.1	87
30	Inclusive $\sigma(e^+e^- \rightarrow \mu^+\mu^-)$ and $\sigma(e^+e^- \rightarrow \mu^+\mu^- \gamma)$ differential cross-sections at the Z resonance. Zeitschrift für Physik C-Particles and Fields, 1995, 66, 355-365.	1.5	86
31	High-rate particle triggering with triple-GEM detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2004, 518, 106-112.	1.6	85
32	Measurements of $BR(b \rightarrow s \gamma)$ and $BR(b \rightarrow s \gamma \gamma)$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 533, 223-236.	3.9	84
33	Search for charginos nearly mass degenerate with the lightest neutralino in e^+e^- collisions at centre-of-mass energies up to 209 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 533, 223-236.	4.1	84
34	Search for supersymmetric particles using acoplanar charged-particle pairs from Z0 decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 236, 86-94.	4.1	83
35	Search for a non-minimal Higgs boson produced in the reaction $e^+e^- \rightarrow \mu^+\mu^- H$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 313, 312-325.	4.1	78
36	The trigger system of the KLOE experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2002, 492, 134-146.	1.6	78

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37	A search for new quarks and leptons from Z0 decay at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 236, 511-522.	4.1	77
38	First observation of $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll" \rangle \langle \text{mml:m} \text{subsup} \rangle \langle \text{mml:mi} \rangle \text{B} \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 0 \langle \text{mml:mn} \rangle \langle \text{mml:m} \text{subsup} \rangle \langle \text{mml:mo} \rangle \hat{\tau} \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:m} \text{sub} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 0 \langle \text{mml:mn} \rangle \langle \text{mml:m} \text{sub} \rangle \langle \text{mml:mo} \rangle \langle \text{mml:mn} \rangle 980 \langle \text{mml:mn} \rangle \langle \text{mml:mo} \rangle \text{Tj ETQqO O O rgBT /Overlock 10 Tf 50 692 Td (stretchy="false") \rangle \langle \text{mml:mo} \rangle \langle \text{mml:mn} \rangle 980 \langle \text{mml:mn} \rangle \langle \text{mml:mo} \rangle$	4.1	75
39	Particle and High-Energy Physics, 2011, 698, 115-122. An upper limit for the \tilde{L} , neutrino mass from $\tilde{L}, \hat{\tau}^+ 5\tilde{L}(\tilde{L})\hat{1}/2\tilde{L},$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 349, 585-596.	4.1	75
40	Final results of the searches for neutral Higgs bosons in e^+e^- collisions at \sqrt{s} up to 209 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 526, 191-205.	4.1	75
41	Search for the neutral Higgs Boson from Z0 decay in the Higgs mass range between 11 and 24 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 241, 141-149.	4.1	74
42	Searches for the standard Higgs boson. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 246, 306-314.	4.1	73
43	Measurement of the polarization of \tilde{L} , leptons produced in Z decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1991, 265, 430-444.	4.1	72
44	Measurement of the charged particle multiplicity distribution in hadronic Z decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1991, 273, 181-192.	4.1	72
45	Search for scalar leptons in e^+e^- collisions at centre-of-mass energies up to 209 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 526, 206-220.	4.1	72
46	Study of the decay $\langle \text{mml:math altimg="si1.gif" overflow="scroll" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:sb="http://www.elsevier.com/xml/common/struct-bib/dtd" xmlns:ce="http://www.elsevier.com/xml/common/struct-citation/dtd" \rangle$	4.1	72
47	Improved measurements of electroweak parameters from Z decays into fermion pairs. Zeitschrift für Physik C-Particles and Fields, 1992, 53, 1-20.	1.5	70
48	Measurements of the absolute branching ratios for the dominant $\langle \text{mml:math altimg="si1.gif" overflow="scroll" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" \rangle$	4.1	68
49	Measurements of $ V_{cb} $, form factors and branching fractions in the decays and. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 395, 373-387.	4.1	66
50	First observation of quantum interference in the process $\langle \text{mml:math altimg="si1.gif" overflow="scroll" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" \rangle$	4.1	66
51	Search for neutral Higgs bosons from supersymmetry in Z decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 237, 291-302.	4.1	64
52	Properties of hadronic events in e^+e^- annihilation at. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 234, 209-218.	4.1	63
53	Dalitz plot analysis of $e^+e^- \rightarrow \tau^+ \tau^- 3\pi^0$ events at $\sqrt{s} = \sqrt{M_{\phi}^2}$ with the KLOE detector. European Physical Journal C, 2007, 49, 473.	3.9	62
54	Measurement of the strong coupling constant using $\tilde{L},$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 307, 209-220.	4.1	61

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55	Measurement of the branching ratio and an upper limit on. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 343, 444-452.	4.1	61
56	Study of the branching ratio and charge asymmetry for the decay $\tau \rightarrow \pi^0 \pi^+ \nu_\tau$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 503, 29-34.	4.1	61
57	Comparative results on collimation of the SPS beam of protons and Pb ions with bent crystals. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 703, 547-551.	4.1	61
58	Study of the $\tau \rightarrow \pi^0 \pi^+ \nu_\tau$ decay. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 430, 29-34.	4.1	60
59	Measurement of α_s from scaling violations in fragmentation functions in e^+e^- annihilation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 699, 330-340.	4.1	60
60	A study of Bose-Einstein correlations in e^+e^- annihilation at 91 GeV. Zeitschrift für Physik C-Particles and Fields, 1992, 54, 75-85.	1.5	58
61	Properties of hadronic Z decays and test of QCD generators. Zeitschrift für Physik C-Particles and Fields, 1992, 55, 209-234.	1.5	58
62	Search for supersymmetric particles in e^+e^- collisions at centre-of-mass energies of 130 and 136 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 373, 246-260.	4.1	58
63	Precise measurement of α_s from scaling violations in fragmentation functions in e^+e^- annihilation. European Physical Journal C, 2009, 64, 627-636.	4.1	56
64	Measurement of α_s from scaling violations in fragmentation functions in e^+e^- annihilation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 357, 487-499.	4.1	55
65	Measurement of α_s in hadronic Z decays using all-orders resummed predictions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 284, 163-176.	4.1	54
66	Search for the standard model Higgs boson. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 313, 299-311.	4.1	54
67	A study of τ decays involving η and ω mesons. Zeitschrift für Physik C-Particles and Fields, 1997, 74, 263-273.	1.5	54
68	Heavy flavour production and decay with prompt leptons in the ALEPH detector. Zeitschrift für Physik C-Particles and Fields, 1994, 62, 179-198.	1.5	53
69	Measurement of the strong coupling constant α_s from global event-shape variables of hadronic Z decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1991, 255, 623-633.	4.1	52
70	Search for supersymmetric particles in e^+e^- collisions at up to 202 GeV and mass limit for the lightest neutralino. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 499, 67-84.	4.1	51
71	A global fit to determine the pseudoscalar mixing angle and the gluonium content of the η' meson. Journal of High Energy Physics, 2009, 2009, 105-105.	4.7	51
72	Strong reduction of the off-momentum halo in crystal assisted collimation of the SPS beam. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 714, 231-236.	4.1	51

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73	Search for gauge mediated SUSY breaking topologies in ee collisions at centre-of-mass energies up to 209 GeV. European Physical Journal C, 2002, 25, 339-351.	3.9	49
74	Measurement of $\Gamma(\tilde{\chi}_1^0 \rightarrow \tilde{\chi}_2^0 \gamma) / \Gamma(\tilde{\chi}_1^0 \rightarrow \tilde{\chi}_1^0 \gamma)$ and the pseudoscalar mixing angle. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 541, 45-51.	4.1	47
75	Search for neutralino production in Z decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 244, 541-550.	4.1	46
76	An experimental study of $\tilde{\chi}_1^0 \rightarrow \tilde{\chi}_2^0 \gamma$ hadrons at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 313, 509-519.	4.1	45
77	Production of K^0 and \bar{K}^0 in hadronic Z decays. Zeitschrift für Physik C-Particles and Fields, 1994, 64, 361-373.	1.5	45
78	Study of the decay $\tilde{\chi}_1^0 \rightarrow \tilde{\chi}_2^0 \gamma$ with the KLOE detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 561, 55-60.	4.1	45
79	Measurement of $\tilde{\chi}_1^0$ from the structure of particle clusters produced in hadronic Z decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1991, 257, 479-491.	4.1	44
80	Measurement of the absolute branching ratio for the $\tilde{\chi}_1^0 \rightarrow \tilde{\chi}_2^0 \gamma$ decay. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 561, 55-60.	4.1	44
81	Production and decay of charmed mesons at the Z resonance. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1991, 266, 218-230.	4.1	43
82	An investigation of B_d^0 and B_s^0 oscillation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 322, 441-458.	4.1	43
83	Study of the CP asymmetry of $B^0 \rightarrow K^0$ decays in ALEPH. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 492, 259-274.	4.1	43
84	Measurement of the DAΦNE luminosity with the KLOE detector using large angle Bhabha scattering. European Physical Journal C, 2006, 47, 589.	3.9	43
85	Neutron detection techniques from $\tilde{\chi}_1^0 \rightarrow \tilde{\chi}_2^0 \gamma$ decays. Physics Reports, 2020, 875, 1-65.	25.6	43
86	A search for pair-produced charged Higgs bosons in Z0 decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 241, 623-634.	4.1	42
87	Study of the process $\tilde{\chi}_1^0 \rightarrow \tilde{\chi}_2^0 \gamma$ in the $\tilde{\chi}_1^0$ -meson mass region with the KLOE detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 669, 223-228.	4.1	42
88	Study of the process $\tilde{\chi}_1^0 \rightarrow \tilde{\chi}_2^0 \gamma$ in the $\tilde{\chi}_1^0$ -meson mass region with the KLOE detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 669, 223-228.	4.1	42
89	Measurement of the B^0 and B^+ meson lifetimes. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 307, 194-208.	4.1	41
90	Measurement of the $\tilde{\chi}_1^0$ polarization in Z decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 365, 437-447.	4.1	41

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91	Search for a very light Higgs boson in Z decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 245, 289-297.	4.1	40
92	Measurement of the forward-backward asymmetry in e^+e^- annihilation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1991, 263, 325-336.	4.1	40
93	Measurement of the effective b quark fragmentation function at the Z resonance. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 357, 699-714.	4.1	40
94	A measurement of $ V_{cb} $ from $B \rightarrow e^+e^-$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 359, 236-248.	4.1	40
95	Quark and gluon jet properties in symmetric three-jet events. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 384, 353-364.	4.1	40
96	Search for CP violation in $Z \rightarrow B_s^0 \bar{B}_s^0$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 297, 459-468.	4.1	39
97	Resonant structure and flavour tagging in the $B_s^0 \rightarrow B_s^0$ system using fully reconstructed B decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 425, 215-226.	4.1	39
98	Triple GEM gas detectors as real time fast neutron beam monitors for spallation neutron sources. Journal of Instrumentation, 2012, 7, P07021-P07021.	1.2	39
99	Measurement of charge asymmetry in hadronic Z decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1991, 259, 377-388.	4.1	37
100	Observation of the time dependence of mixing. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 313, 498-508.	4.1	37
101	Performance of a test prototype for MONOLITH. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2001, 461, 319-321.	1.6	37
102	GEM-based thermal neutron beam monitors for spallation sources. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 732, 217-220.	1.6	37
103	Evidence for b baryons in Z decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 278, 209-216.	4.1	36
104	Single- and multi-photon production in e^+e^- collisions at a centre-of-mass energy of 183 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 429, 201-214.	4.1	36
105	<small>xmns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmns:xs="http://www.w3.org/2001/XMLSchema" xmns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmns="http://www.elsevier.com/xml/ja/dtd" xmns:ja="http://www.elsevier.com/xml/ja/dtd" xmns:mml="http://www.w3.org/1998/Math/MathML" xmns:tb="http://www.elsevier.com/xml/common/table/dtd" xmns:tbl="http://www.elsevier.com/xml/common/struct-bib/dtd" xmns="http://www.elsevier.com/xml/ja/dtd"</small> Measurement of the branching ratio. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 298, 479-491.	4.1	36
106	Measurement of the branching ratio. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 298, 479-491.	4.1	35
107	Mass limit for the standard model Higgs boson with the full LEP I ALEPH data sample. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 384, 427-438.	4.1	35
108	A measurement of R_b using a lifetime-mass tag. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 401, 150-162.	4.1	35

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109	A novel High-Voltage System for a triple GEM detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 572, 96-97.	1.6	35
110	nGEM fast neutron detectors for beam diagnostics. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 720, 144-148.	1.6	35
111	Observation of the semileptonic decays of B^0 and B^+ hadrons at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 294, 145-156.	4.1	34
112	Production of charmed mesons in Z decays. Zeitschrift für Physik C-Particles and Fields, 1994, 62, 1-14.	1.5	34
113	Search for the glueball candidates $f_0(1500)$ and $f_1(1710)$ in $\Upsilon^3\Upsilon^3$ collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 472, 189-199.	4.1	34
114	Search for $\Upsilon^3\Upsilon^3\Upsilon^3\Upsilon^3$ in e^+e^- collisions at LEP2. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 530, 56-66.	4.1	34
115	First measurement of the B^0 meson mass. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 311, 425-436.	4.1	33
116	nGEM neutron diagnostic concept for high power deuterium beams. Journal of Instrumentation, 2012, 7, C03010-C03010.	1.2	33
117	Measurements of mean lifetime and branching fractions of b hadrons decaying to J/ψ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 295, 396-408.	4.1	32
118	Z production cross sections and lepton pair forward-backward asymmetries. Zeitschrift für Physik C-Particles and Fields, 1994, 62, 539-550.	1.5	32
119	Study of the B_s^0 oscillation frequency using $D_s^+ \Upsilon^3 \Upsilon^3$, $D_s^- \Upsilon^3 \Upsilon^3$ combinations in Z decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 377, 205-221.	4.1	32
120	Search for excited leptons in Z0 decay. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 236, 501-510.	4.1	31
121	Measurement of the production rates of Υ^3 and $\Upsilon^3\Upsilon^3$ in hadronic Z decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 292, 210-220.	4.1	31
122	Evidence for the triple-gluon vertex from measurements of the QCD colour factors in Z decay into four jets. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 284, 151-162.	4.1	31
123	Construction and performance of the lead-scintillating fiber calorimeter prototypes for the KLOE detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1995, 354, 352-363.	1.6	31
124	Observation of focusing of 400 GeV/c proton beam with the help of bent crystals. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 733, 366-372.	4.1	31
125	Measurement of B- mixing at the Z. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1991, 258, 236-246.	4.1	30
126	A direct measurement of the invisible width of the Z from single photon counting. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 313, 520-534.	4.1	30

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127	Study of the subjet structure of quark and gluon jets. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 346, 389-398.	4.1	30
128	Measurement of the B_s^0 lifetime and production rate with $D_s^+ \pi^-$ combinations in Z decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 361, 221-233.	4.1	30
129	Strange b baryon production and lifetime in Z decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 384, 449-460.	4.1	30
130	A measurement of R_b using mutually exclusive tags. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 401, 163-175.	4.1	30
131	Study of muon-pair production at centre-of-mass energies from 20 to 136 GeV with the ALEPH detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 399, 329-341.	4.1	30
132	Measurement of triple gauge-boson couplings at 172 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 422, 369-383.	4.1	30
133	Measurement of electroweak parameters from Z decays into fermion pairs. Zeitschrift für Physik C-Particles and Fields, 1990, 48, 365-391.	1.5	29
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