

Giovanni Passaleva

List of Publications by Year in descending order

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883
papers

37,725
citations

5569

82
h-index

6643

156
g-index

898
all docs

898
docs citations

898
times ranked

10900
citing authors

#	ARTICLE	IF	CITATIONS
1	Search for the Standard Model Higgs boson at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 565, 61-75.	1.5	1,175
2	Precision electroweak measurements on the Z resonance. Physics Reports, 2006, 427, 257-454.	10.3	974
3	The LHCb Detector at the LHC. Journal of Instrumentation, 2008, 3, S08005-S08005.	0.5	969
4	Test of Lepton Universality Using $B \rightarrow K^* \ell^+ \ell^-$ Decays. Physical Review Letters, 2014, 113, 151601. http://www.w3.org/1998/Math/MathML	2.9	845
5	Resonances Consistent with Pentaquark States in $J/\psi \rightarrow p \bar{p}$ Decays. Measurement of the Ratio of Branching Fractions $\frac{\mathcal{B}(J/\psi \rightarrow p \bar{p})}{\mathcal{B}(J/\psi \rightarrow e^+ e^-)}$. Physical Review Letters, 2014, 113, 151601. http://www.w3.org/1998/Math/MathML	2.9	816
6	Measurement of the Ratio of Branching Fractions $\frac{\mathcal{B}(J/\psi \rightarrow p \bar{p})}{\mathcal{B}(J/\psi \rightarrow e^+ e^-)}$. Physical Review Letters, 2014, 113, 151601. http://www.w3.org/1998/Math/MathML		

#	ARTICLE	IF	CITATIONS
19	Measurement of the Ratio of the $\frac{B}{D}$ and $\frac{B}{D}^*$ arXiv:2010.13017 Physical Review Letters, 2019, 123, 171800.	2.9	294
20	First Evidence for the Decay $B_s \rightarrow \tau^+ \nu_\tau$ arXiv:2010.13017 Physical Review Letters, 2013, 110, 021801.	2.9	292
21	Fraction and Search for $B_s \rightarrow \tau^+ \nu_\tau$ arXiv:2010.13017 Physical Review Letters, 2013, 111, 101805.	2.9	258
22	Results from the L3 experiments at LEP. Physics Reports, 1993, 236, 1-146.	10.3	247
23	Measurement of J/ψ production in pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2011, 71, 1.	1.4	238
24	Observation of Five New Narrow States Decaying to J/ψ arXiv:2010.13017 Physical Review Letters, 2013, 111, 101805.	2.9	234
25	Measurement of the $B \rightarrow K^* \tau^+ \nu_\tau$ arXiv:2010.13017 Physical Review Letters, 2013, 111, 101805.		

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37	Observation of $X(3872)$ production in pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2012, 72, 1.	1.4	153
38	Observation of J/ψ production in pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2012, 72, 1. Structures Consistent with Exotic States from Amplitude Analysis of J/ψ production in pp collisions at $\sqrt{s}=7$ TeV. Physical Review Letters, 2020, 124, 041801.	2.9	150
39	Search for Hidden-Sector Bosons in J/ψ production in pp collisions at $\sqrt{s}=7$ TeV. Physical Review Letters, 2015, 115, 161802.	2.9	148
40	Performance of the LHCb muon system. Journal of Instrumentation, 2013, 8, P02022-P02022.	0.5	145
41	Search for Hidden-Sector Bosons in J/ψ production in pp collisions at $\sqrt{s}=7$ TeV. Physical Review Letters, 2015, 115, 161802.	2.9	138
42	Implications of LHCb measurements and future prospects. European Physical Journal C, 2013, 73, 1.	1.4	137
43	Measurement of C and P -Averaged Observables in the J/ψ production in pp collisions at $\sqrt{s}=7$ TeV. Physical Review Letters, 2020, 125, 011802.	2.9	128
44	Measurement of the track reconstruction efficiency at LHCb. Journal of Instrumentation, 2015, 10, P02007-P02007.	0.5	127
45	Search for heavy neutral and charged leptons in e^+e^- annihilation at LEP. Nuclear, Elementary Particle and High-Energy Physics, 2001, 517, 75-85.	1.5	123
46	Observation of J/ψ -pair production in pp collisions at $\sqrt{s}=7$ TeV. Physical Review Letters, 2012, 109, 231801.	1.5	123
47	Evidence of a J/ψ structure and observation of excited J/ψ states in the J/ψ production in pp collisions at $\sqrt{s}=7$ TeV. Physical Review Letters, 2012, 109, 231801.	2.9	122
48	Measurement of J/ψ polarization in pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2013, 73, 2631.	4.3	121
49	Amplitude analysis of the J/ψ decay. Physical Review D, 2020, 102, .	1.6	117
50	Statistical hadronization model and transverse momentum spectra of hadrons in high energy collisions. European Physical Journal C, 2002, 23, 551-583.	1.4	116
51	Measurement of b hadron production fractions in $7 < \sqrt{s} < 10$ TeV collisions. Physical Review D, 2012, 85, 032005.	1.6	116
52	Evidence for the decay $X(3872) \rightarrow J/\psi \gamma$. Physical Review Letters, 2012, 109, 231801.	1.5	115
53	Evidence for the decay $X(3872) \rightarrow J/\psi \gamma$. Physical Review Letters, 2012, 109, 231801.	0.9	114
54	Measurement of J/ψ polarization in pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2013, 73, 2631.	1.4	114

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55	Search for Dark Photons Produced in 13 TeV Collisions. Physical Review Letters, 2018, 120, 061801.	2.9	113
56	Differential branching fraction and angular analysis of the decay $B^0 \rightarrow K^+ K^- \pi^+ \pi^-$. Journal of High Energy Physics, 2013, 2013, 1.	1.6	111
57	Updated measurements of exclusive J/ψ and $\psi(2S)$ production cross-sections in pp collisions at $\sqrt{s}=7\text{ TeV}$. Journal of Physics G: Nuclear and Particle Physics, 2014, 41, 055002.	1.4	111
58	Model-Independent Study of Structure in $B \rightarrow D^* \ell^+ \ell^-$ Decays. Physical Review Letters, 2020, 125, 242001.	2.9	111
59	Precision luminosity measurements at LHCb. Journal of Instrumentation, 2014, 9, P12005-P12005.	0.5	110
60	Evidence for Exotic Hadron Contributions to $B \rightarrow D^* \ell^+ \ell^-$ Decays. Physical Review Letters, 2013, 110, 221601.	2.9	110
61	Precision luminosity measurements at LHCb. Journal of Instrumentation, 2014, 9, P12005-P12005.	2.9	108
62	Measurement of J/ψ production in pp collisions at $\sqrt{s}=7\text{ TeV}$. European Physical Journal C, 2012, 72, 2025.	1.4	106
63	Search for Majorana Neutrinos in $B \rightarrow D^* \ell^+ \ell^-$ Decays. Physical Review Letters, 2014, 112, 131802.	2.9	106
64	First Observation of $B \rightarrow D^* \ell^+ \ell^-$ Violation in the Decays of $B \rightarrow D^* \ell^+ \ell^-$. Physical Review Letters, 2013, 110, 221601.	2.9	105
65	Determination of the quark coupling strength $ V_{ub} $ using baryonic decays. Nature Physics, 2015, 11, 743-747.	6.5	105
66	Exclusive J/ψ and $\psi(2S)$ production in pp collisions at $\sqrt{s}=7\text{ TeV}$. Journal of Physics G: Nuclear and Particle Physics, 2013, 40, 045001.	1.4	104
67	Observation of double charm production involving open charm in pp collisions at $\sqrt{s}=7\text{ TeV}$. Journal of High Energy Physics, 2012, 2012, 1.	1.6	103
68	Differential branching fraction and angular analysis of the decay $B \rightarrow D^* \ell^+ \ell^-$. Journal of High Energy Physics, 2013, 2013, 1.	1.6	103
69	Contributions to $B \rightarrow D^* \ell^+ \ell^-$ Decays. Physical Review Letters, 2013, 111, 101801.	2.9	102
70	Measurement of $B \rightarrow D^* \ell^+ \ell^-$ Violation in the Phase Space of $B \rightarrow D^* \ell^+ \ell^-$. Physical Review Letters, 2013, 111, 101801.	2.9	101
71	Measurement of the atmospheric muon spectrum from 20 to 3000 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 598, 15-32.	1.5	100
72	Single- and multi-photon events with missing energy in e^+e^- collisions at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 587, 16-32.	1.5	100

#	ARTICLE	IF	CITATIONS
73	Measurements of prompt charm production cross-sections in pp collisions at $s = 13 \sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2016, 2016, 1. Dalitz plot analysis of $B \rightarrow D^0 \pi^+ \pi^-$ decays. Physical Review Letters, 2012, 109, 172003.	1.6	100
74	Observation of Excited $\Lambda(1520)$ Baryons. Physical Review Letters, 2012, 109, 172003.	1.6	99
75	Angular Analysis of the $B \rightarrow D^0 \pi^+ \pi^-$ Decay. Physical Review Letters, 2012, 109, 172003.	2.9	98
76	Amplitude analysis of $B \rightarrow D^0 \pi^+ \pi^-$ decays. Physical Review Letters, 2012, 109, 172003.	2.9	96
77	Search for isosinglet neutral heavy leptons in Z0 decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 295, 371-382.	2.9	93
78	Measurement of the fragmentation fraction ratio f_s/f_d and its dependence on B meson kinematics. Journal of High Energy Physics, 2013, 2013, 1.	1.6	92
79	Search for scalar leptons and scalar quarks at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 580, 37-49.	1.5	89
80	Measurement of $\Upsilon(2S)$ meson production in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2012, 72, 2100.	1.6	89
81	Search for scalar leptons and scalar quarks at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 580, 37-49.	1.5	87
82	Measurement of $\Upsilon(2S)$ meson production in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2012, 72, 2100.	1.4	83
83	Study of D J meson decays to $D^+ \pi^- \pi^+$, $D^0 \pi^+ \pi^0$ and $D^0 \pi^+ \pi^-$ final states in pp collisions. Journal of High Energy Physics, 2013, 2013, 1.	1.6	82
84	Measurement of the $B \rightarrow D^0 \pi^+ \pi^-$ Dalitz plot analysis. Physical Review Letters, 2012, 109, 172003.	2.9	82
85	Differential branching fraction and angular analysis of $B \rightarrow D^0 \pi^+ \pi^-$ decays. Journal of High Energy Physics, 2015, 2015, .	1.6	82
86	Search for the Decays $B \rightarrow D^0 \pi^+ \pi^-$ and $B \rightarrow D^0 \pi^+ \pi^0$. Physical Review Letters, 2012, 109, 172003.	2.9	81
87	Dalitz plot analysis of $B \rightarrow D^0 \pi^+ \pi^-$ decays. Physical Review Letters, 2012, 109, 172003.	2.9	80
88	Dalitz plot analysis of $B \rightarrow D^0 \pi^+ \pi^-$ decays. Physical Review Letters, 2012, 109, 172003.	1.6	80
89	Measurement of $\Upsilon(958)$ formation in two-photon collisions at LEP1. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 418, 399-410.	1.6	79
90	Measurement of $\Upsilon(958)$ formation in two-photon collisions at LEP1. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 418, 399-410.	1.5	78

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91	Measurement of $C \rightarrow P$ violation in the Phase Space of $B \rightarrow K$ decays. Physical Review Letters, 2016, 117, 152003.	2.9	78
92	Search for Structure in the $B \rightarrow s$ decays. Physical Review Letters, 2016, 117, 152003.	2.9	78
93	Measurement of the Lifetime of the Doubly Charmed Baryon Λ_{cc}^+ and Ξ_{cc}^+ decays. Physical Review Letters, 2018, 121, 072002.	2.9	77
94	Observation of a New $B \rightarrow s$ decay. Physical Review Letters, 2018, 121, 072002.	2.9	77
95	Measurement of the Lifetime of the Doubly Charmed Baryon Λ_{cc}^+ and Ξ_{cc}^+ decays. Physical Review Letters, 2018, 121, 072002.	2.9	77
96	Measurement of the Lifetime of the Doubly Charmed Baryon Λ_{cc}^+ and Ξ_{cc}^+ decays. Physical Review Letters, 2018, 121, 072002.	2.9	76
97	Observation of CP violation in $B \rightarrow c$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 712, 203-212.	2.9	75
98	Observation of CP violation in $B \rightarrow c$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 712, 203-212.	2.9	75
99	Measurements of the S-wave fraction in $B \rightarrow K + \bar{\Lambda}^0$ decays and the $B \rightarrow K \bar{\Lambda}^0$ differential branching. Journal of High Energy Physics, 2016, 2016, 1.	1.6	75
100	Studies of hadronic event structure and comparisons with QCD models at the Z^0 resonance. Zeitschrift für Physik C-Particles and Fields, 1992, 55, 39-61.	1.5	74
101	Higgs candidates in e^+e^- interactions at $\sqrt{s} = 1.8$ GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 495, 18-25.	1.5	74
102	Measurement of $C \rightarrow P$ violation and the $B \rightarrow s$ decay width difference with $B \rightarrow s$ decays. Physical Review Letters, 2014, 2014, 1.	1.6	74
103	Study of J/ψ 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	74
104	Measurement of resonant and $C \rightarrow P$ components in $B \rightarrow s$ decays. Physical Review Letters, 2014, 2014, 1.	1.6	73
105	Measurement of the $\sigma_c(1S) \sigma_c(1S)$ production cross-section in proton-proton collisions via $B \rightarrow c$ decays. Physical Review Letters, 2014, 2014, 1.	1.6	73

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109	Inclusive W and Z production in the forward region at $\sqrt{s} = 7, \sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	71
110	Performance of the Muon Identification at LHCb. Journal of Instrumentation, 2013, 8, P10020-P10020.	0.5	69
111	Quantum numbers of the $X(3872)$. Journal of High Energy Physics, 2012, 2012, 1.	1.6	69
112	Measurement of the forward Z boson production cross-section in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	1.6	69
113	Measurement of the resonant and non-resonant components in $B \rightarrow D^* \ell \bar{\nu}_\ell$ decays. Journal of High Energy Physics, 2012, 2012, 1.	1.6	67
114	Study of the lineshape of the $B \rightarrow D^* \ell \bar{\nu}_\ell$ decays. Journal of High Energy Physics, 2012, 2012, 1.	1.6	66
115	Analysis of the resonant components in $B \rightarrow D^* \ell \bar{\nu}_\ell$ decays. Journal of High Energy Physics, 2012, 2012, 1.	1.6	65
116	Search for the $B \rightarrow D^* \ell \bar{\nu}_\ell$ decays. Journal of High Energy Physics, 2012, 2012, 1.	1.6	65
117	Measurement of the isospin asymmetry in $B \rightarrow D^* \ell \bar{\nu}_\ell$ decays. Journal of High Energy Physics, 2012, 2012, 165		
118	Precision measurement of D meson mass differences. Journal of High Energy Physics, 2013, 2013, .	1.6	65
119	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
120	Observation of $B \rightarrow D^* \ell \bar{\nu}_\ell$ decays. Journal of High Energy Physics, 2012, 2012, 1.	2.9	65
121	Measurement of the $B \rightarrow D^* \ell \bar{\nu}_\ell$ decays. Journal of High Energy Physics, 2012, 2012, 1.	1.6	65
122	Precision measurement of $B \rightarrow D^* \ell \bar{\nu}_\ell$ decays. Journal of High Energy Physics, 2012, 2012, 1.	2.9	65
123	Measurement of matter-antimatter differences in beauty baryon decays. Nature Physics, 2017, 13, 391-396.	6.5	64
124	Search for single top production at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 549, 290-300.	1.5	63
125	Determination of Γ_s from hadronic event shapes measured on the Z0 resonance. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 284, 471-481.	1.5	62
126	First Observation of the Decay $B \rightarrow D^* \ell \bar{\nu}_\ell$. Physical Review Letters, 2012, 108, 251802.	1.6	62

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127	Determination of the Sign of the Decay Width Difference in the B_s System Physical Review Letters, 2012, 108, 241801.	2.9	61
128	Measurement of B_c in Proton-Proton Collisions at \sqrt{s} Physical Review Letters, 2015, 114, 132001.	2.9	61
129	Search for heavy isosinglet neutrino in e^+e^- annihilation at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 517, 67-74.	1.5	60
130	Search for doubly-charged Higgs bosons at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 576, 18-28.	1.5	60
131	Search for the rare decays $B \rightarrow s \gamma$ Physical Review Letters, 2011, 609, 330-340.	1.5	60
132	Analysis of the resonant components in $B \rightarrow s \gamma$ Physical Review D, 2013, 87, .	1.6	60
133	Measurement of forward J/ψ production cross-sections in pp collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	1.6	60
134	Precision measurement of the $B_{s1} \rightarrow B_s \gamma$ oscillation frequency with the decay $B_{s1} \rightarrow B_s \gamma$ New Journal of Physics, 2013, 15, 053021.	1.2	59
135	Measurement of forward W and Z boson production in pp collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2016, 2016, .	1.6	59
136	Search for new physics in energetic single photon production in e^+e^- annihilation at the Z resonance. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 412, 201-209.	1.5	58
137	Measurement of the anomalous magnetic and electric dipole moments of the tau lepton. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 434, 169-179.	1.5	58
138	Measurement of b-hadron masses. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 708, 241-248.	1.5	58
139	Opposite-side flavour tagging of B mesons at the LHCb experiment. European Physical Journal C, 2012, 72, 2022.	1.4	58
140	Measurement of α_s and a new limit for α_s . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 396, 327-337.	1.5	57
141	Evidence for an $\eta_c(1S) \pi^+ \pi^-$ resonance in $B^0 \rightarrow \eta_c(1S) K^+ \pi^-$		

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163	Differential Branching Fraction and Angular Analysis of the Decay $B^0 \rightarrow K^* \pi^+ \pi^-$. Physical Review Letters, 2012, 108, 181806.	2.9	50
164	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
165	Search for the doubly charmed baryon Ξ_{cc}^{++} . Journal of High Energy Physics, 2013, 2013, 1.	1.6	50
166	Precision measurement of the ratio of the branching fractions $R_{D^*} = \frac{\mathcal{B}(B \rightarrow D^* \tau \nu_\tau)}{\mathcal{B}(B \rightarrow D^* \ell \nu_\ell)}$ to the ratio of the branching fractions $R_D = \frac{\mathcal{B}(B \rightarrow D \tau \nu_\tau)}{\mathcal{B}(B \rightarrow D \ell \nu_\ell)}$. Physical Review Letters, 2012, 108, 201601.	1.5	50
167	First observation and amplitude analysis of the decay $B^0 \rightarrow \pi^+ \pi^- \pi^0$. Physical Review D, 2015, 91, .	1.6	50
168	Search for anomalous $Z \rightarrow \tau^+ \tau^- \tau^0$ events at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 345, 609-616.	1.5	49
169	Search for charginos and neutralinos in e^+e^- collisions at $\sqrt{s} = 189$ GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 472, 420-433.	1.5	49
170	First Evidence of Direct CP Violation in Charmless Two-Body Decays of B Mesons. Physical Review Letters, 2012, 108, 201601.	2.9	49
171	Searches for Majorana neutrinos in $B \rightarrow \tau \nu$ decays. Physical Review D, 2012, 85, .	1.6	49
172	Measurements of long-range near-side angular correlations in proton-lead collisions in the forward region. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 762, 473-483.	1.5	49
173	Observation of New Resonances in the $B^0 \rightarrow \pi^+ \pi^- \pi^0$ Decay. Physical Review Letters, 2012, 108, 201601.	2.9	49
174	Measurement of the cross-section ratio $R_{D^*} = \frac{\mathcal{B}(B \rightarrow D^* \tau \nu_\tau)}{\mathcal{B}(B \rightarrow D^* \ell \nu_\ell)}$. Physical Review Letters, 2012, 108, 201601.	1.5	49

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181	Measurement of the $\langle \sigma_{\text{had}} \rangle$ in e^+e^- collisions at $\sqrt{s} = 10.58$ GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 503, 10-20.	1.5	47
182	Observation of Two New Resonances. Physical Review Letters, 2015, 114, 062004.	2.9	47
183	Measurements of the cross sections for open charm and beauty production in $\hat{p}\hat{p}$ collisions at $\hat{e}\hat{e}$ 202 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 503, 10-20.	1.5	46
184	Standard model Higgs boson with the L3 experiment at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 517, 319-331.	1.5	46
185	Observation of Photon Polarization in the $b \rightarrow s \gamma$ Transition. Physical Review Letters, 2014, 112, 161801.	2.9	46
186	Search for neutralinos in Z decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 350, 109-119.	1.5	45
187	Study of the hadronic photon structure function F_2^{had} at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 436, 403-416.	1.5	45
188	Study of prompt D0 meson production in pPb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	45
189	Observation of New Λ_{b1} Baryons Decaying to $\Lambda^0 p$. Physical Review Letters, 2017, 118, 162001.	2.9	45
190	Isolated hard photon emission in hadronic Z0 decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 292, 472-484.	1.5	44
191	Study of the structure of hadronic events and determination of \hat{S} at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 371, 137-148.	1.5	44
192	Light resonances in $K_S^0 \rightarrow \pi^+ \pi^-$ and $\pi^+ \pi^- \pi^0$ final states in $\hat{p}\hat{p}$ collisions at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 501, 1-11.	1.5	44
193	Measurement of triple-gauge-boson couplings of the W boson at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 586, 151-166.	1.5	44
194	Search for long-lived particles decaying to jet pairs. European Physical Journal C, 2015, 75, 152.	1.4	44
195	First Observation of Excited Λ_{b1} States. Physical Review Letters, 2020, 124, 082002.	2.9	44
196	Search for extra dimensions in boson and fermion pair production in e^+e^- interactions at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 470, 281-288.	1.5	43
197	Measurement of $\langle \sigma_{\text{had}} \rangle$ in e^+e^- collisions at $\sqrt{s} = 10.58$ GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 503, 10-20.	1.5	43
198	Study of χ_{c0} \rightarrow b meson production in $p\bar{p}$ collisions at $\sqrt{s} = 7$ and 8 TeV. European Physical Journal C, 2014, 74, .	1.4	43

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199	Measurement of the $B_c^+ \rightarrow B_c^+ \mu^+ \nu_\mu$ meson lifetime using $B_c^+ \rightarrow \psi / \psi'$. European Physical Journal C, 2014, 74, 2839.	1.4	43
200	Observation of an Excited B_c^+ State. Physical Review Letters, 2019, 122, 232001.	2.9	43
201	Identification of beauty and charm quark jets at LHCb. Journal of Instrumentation, 2015, 10, P06013-P06013.	0.5	42
202	Measurement of the Difference of Time-Integrated Asymmetries in $B_c^+ \rightarrow D^+ K^0$. Physical Review Letters, 2019, 122, 232001.	2.9	42
203	Study of the $\tilde{\chi}_2^0(3823)$ and $\tilde{\chi}_1^0(3872)$ states in $B^+ \rightarrow \tilde{\chi}_i^0 (J/\psi \text{ or } \psi') K^+$ decays. Journal of High Energy Physics, 2020, 2020, 1.	1.6	42
204	Amplitude analysis of the $B_c^+ \rightarrow \tilde{\chi}_i^0 K^+$ decay. Physical Review D, 2020, 101, .	1.6	42
205	KOSKOS final state in two-photon collisions and implications for glueballs. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 501, 173-182.	1.5	41
206	Measurement of the mass and the width of the W boson at LEP. European Physical Journal C, 2006, 45, 569-587.	1.4	41
207	Absolute luminosity measurements with the LHCb detector at the LHC. Journal of Instrumentation, 2012, 7, P01010-P01010.	0.5	41
208	First observation of the decay $B_c^+ \rightarrow \psi' K^+$. Journal of High Energy Physics, 2013, 2013, 1.	1.6	41
209	Updated search for long-lived particles decaying to jet pairs. European Physical Journal C, 2017, 77, 812.	1.4	41
210	Measurement of Antiproton Production in pp Collisions at $\sqrt{s} = 7$ TeV. Physical Review Letters, 2018, 121, 222001.	2.9	41
211	Cross section of hadron production in $\tilde{\chi}_1^0 \tilde{\chi}_1^0$ collisions at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 408, 450-464.	1.5	40
212	Measurement of the CP-violating phase $\arg(V_{cb} V_{cs}^*)$. Physical Review Letters, 2018, 121, 222001.	1.5	40
213	Measurement of the cross-section for the process at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 453, 333-342.	1.5	39
214	Search for Lepton Number Violating Decays $B^+ \rightarrow \tilde{\chi}_i^0 \ell^+ \nu_\ell$ and $B^+ \rightarrow \tilde{\chi}_i^0 K^+ \ell^+ \nu_\ell$. Physical Review Letters, 2012, 108, 101601.	2.9	39
215	Precision Measurement of the Mass and Lifetime of the B_c^+ . Physical Review Letters, 2014, 113, 242002.	2.9	39
216	Study of the kinematic dependences of $\tilde{\chi}_1^0 b^0$ production in pp collisions and a measurement of the $\tilde{\chi}_1^0 b^0 \rightarrow \tilde{\chi}_1^0 c^0$ branching fraction. Journal of High Energy Physics, 2014, 2014, 1.	1.6	39

#	ARTICLE	IF	CITATIONS
235	A measurement of \tilde{I}_1 , polarization in Z0 decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 294, 466-478.	1.5	35
236	Search for lepton flavour violation in Z decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 316, 427-434.	1.5	35
237	Total cross section in $\hat{t}\hat{t}^*$ collisions at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 519, 33-45.	1.5	35
238	Measurement of the CKM angle $\hat{\Gamma}^3$ from a combination of analyses. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 726, 151-163.	1.5	35
239	Measurement of the differential branching fraction of the decay $B \rightarrow D^* \mu^+ \mu^-$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 725, 253-255.	1.5	35
240	Evidence for the decay $B \rightarrow D^* \mu^+ \mu^-$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 725, 253-255.	0.9	35
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243	Model-independent confirmation of the $Z \rightarrow \tau^+ \tau^-$ decay. Journal of High Energy Physics, 2015, 2015, 1.	1.6	35
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246	Search for a Z' at the Z resonance. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 306, 187-196.	1.5	34
247	Measurement of the $B \rightarrow D^* \mu^+ \mu^-$ decay. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 725, 253-255.	1.5	34
248	Measurement of the CP violating phase $\hat{\Gamma}^3$ from a combination of analyses. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 726, 151-163.	1.5	34
249	Measurement of the differential branching fraction of the decay $B \rightarrow D^* \mu^+ \mu^-$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 725, 253-255.	1.5	34
250	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
251	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
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254	QCD studies and determination of Γ_s in e^+e^- collisions at and 172 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 404, 390-402.	1.5	33
255	Measurement of the inclusive charmless semileptonic branching fraction of beauty hadrons and a determination of $ V_{ub} $ at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 436, 174-186.	1.5	33
256	Measurement of an elongation of the pion source in Z decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 458, 517-528.	1.5	33
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259	Measurement of the CP-violating phase $\arg(V_{cb} V_{cs}^*)$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 556, 1-6.	1.5	33
260	Search for direct CP violation in $B \rightarrow K^* \ell^+ \ell^-$ modes using semileptonic B decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 723, 33-43.	1.5	33
261	Search for the rare decay $B \rightarrow K^* \ell^+ \ell^-$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 725, 15-24.	1.5	33
262	Searches for violation of lepton flavour and baryon number in tau lepton decays at LHCb. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 724, 36-45.	1.5	33
263	Study of Υ 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
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267	Search for the standard model Higgs boson in e^+e^- interactions at. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 411, 373-386.	1.5	32
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279	Measurement of the ratio of $B \rightarrow \tau^+ \tau^-$ fractions to $B \rightarrow \tau^+ \tau^-$. <i>Journal of High Energy Physics</i> , 2015, 2015, 1-6. http://www.w3.org/1998/Math/MathML	1.6	31
280	Studies of beauty baryon decays to $B \rightarrow \tau^+ \tau^-$. <i>Journal of High Energy Physics</i> , 2015, 2015, 1-6. http://www.w3.org/1998/Math/MathML	1.6	31
281	Search for $B \rightarrow \tau^+ \tau^-$. <i>Journal of High Energy Physics</i> , 2015, 2015, 1-6. http://www.w3.org/1998/Math/MathML	1.5	31
282	Search for Violations of Lorentz Invariance and $B \rightarrow \tau^+ \tau^-$. <i>Journal of High Energy Physics</i> , 2015, 2015, 1-6. http://www.w3.org/1998/Math/MathML	2.9	31
283	Test of lepton universality with $B \rightarrow \tau^+ \tau^-$ decays. <i>Journal of High Energy Physics</i> , 2020, 2020, 1.	1.6	31
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296	Searches for non-minimal Higgs bosons in Z0 decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 294, 457-465.	1.5	29
297	Measurement of energetic single-photon production at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 346, 190-198.	1.5	29
298	The Q2 evolution of the hadronic photon structure function F_2^{γ} at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 447, 147-156.	1.5	29
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300	Study of D s decays to $D^* K_S^0$ and $D^0 K^+$ final states in pp collisions. Journal of High Energy Physics, 2012, 2012, .	1.6	29
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302	Measurement of the $B \rightarrow D^* K$ decays. Physical Review D, 2015, 92, 034004.	2.9	29
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316	Measurement of $\langle \sigma_{\text{had}} \rangle$ at $\sqrt{s} = 7\text{TeV}$. Collisions and Measurement of the $B \rightarrow K^* \ell^+ \ell^-$ branching fraction at low dilepton mass. Journal of High Energy Physics, 2013, 2013, 1.	1.6	28
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321	First observation of the decay $B \rightarrow K^* \ell^+ \ell^-$ and a Measurement of $\langle \sigma_{\text{had}} \rangle$ at $\sqrt{s} = 7\text{TeV}$. Collisions and Measurement of the $B \rightarrow K^* \ell^+ \ell^-$ branching fraction at low dilepton mass. Journal of High Energy Physics, 2013, 2013, 1.	2.9	27
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323	Evidence for $B \rightarrow K^* \ell^+ \ell^-$ decays. Nuclear Physics B, 2014, 888, 169-193.	0.9	27
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329	Search for supersymmetric particles at at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 377, 289-303.	1.5	26
330	Searches for scalar quarks in e^+e^- interactions at GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 471, 308-320.	1.5	26
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345	Measurement of the forward energy flow in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2013, 73, 2421.	1.4	25
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354	Determination of the number of light neutrino species from single photon production at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 431, 199-208.	1.5	24
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357	Measurements of the branching fractions of $B \rightarrow K^* \pi$ decays. European Physical Journal C, 2013, 73, 2462.	1.4	24
358	Observations of $B \rightarrow K^* \pi$ decays. European Physical Journal C, 2013, 73, 2462.	0.9	24
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380	Measurement of the photon structure function at high Q^2 at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 483, 373-386.	1.5	22
381	Measurement of Bose-Einstein correlations in $e^+e^- \rightarrow W^+W^-$ events at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 547, 139-150.	1.5	22
382	Search for an invisibly-decaying Higgs boson at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2005, 609, 35-48.	1.5	22
383	Measurement of the $B_{\hat{A}\pm}$ production cross-section in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	22
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405	Measurement of inclusive $\tilde{\chi}^0$ production in hadronic decays of the Z^0 . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 286, 403-412.	1.5	20
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580	Search for CP violation in $D^{\pm} \rightarrow K^{\pm} K^0$ and $D^{\pm} \rightarrow K^{\pm} \bar{K}^0$ decays. Journal of High Energy Physics, 2014, 2014, 1.	1.6	13
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584	Measurement of the time-integrated CP asymmetry in $D^0 \rightarrow K^+ K^-$ decays. Journal of High Energy Physics, 2015, 2015, 1.	1.6	13
585	Observation of the decay $B^0 \rightarrow K^* \mu^+ \mu^-$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 747, 484-494.	1.5	13
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597	Measurement of $\hat{1}^{\prime}$ production in pp collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	13
598	Measurement of Angular and Asymmetries in $B^0 \rightarrow C^{\pm} P^{\pm}$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 787, 124-133.	2.9	13
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629	Search for excited leptons in e^+e^- annihilation at. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 401, 139-149.	1.5	11
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638	Final results from an extensive ageing test of bakelite Resistive Plate Chambers. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2004, 533, 107-111.	0.7	11
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640	Study of $B^0 \rightarrow D^* \bar{K}^0$ decays. Physical Review D, 2013, 87, .	1.6	11
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642	Observation of associated production of a Z boson with a D meson in the forward region. Journal of High Energy Physics, 2014, 2014, .	1.6	11
643	Search for the decay $B^0 \rightarrow D^* \bar{K}^0$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 728, 234-243.	1.6	11
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655	A search for $B^0 \rightarrow \overline{D}^* (K^+ \overline{K}^0)$ decays. Journal of High Energy Physics, 2019, 2019, 1.	1.6	11
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668	Search for a dimuon resonance in the \tilde{l}^0 mass region. Journal of High Energy Physics, 2018, 2018, 1.	1.6	10
670	Measurements of the branching fractions of $\hat{b} \rightarrow c \pi^+ \pi^- \pi^0$, $\hat{b} \rightarrow c \pi^+ \pi^- K^+$, and $\hat{b} \rightarrow c \pi^+ \pi^- K^0$. Journal of High Energy Physics, 2018, 2018, .	1.6	10
671	Measurement of branching fractions of charmless four-body $\hat{b} \rightarrow b 0$ and $\hat{b} \rightarrow \bar{b} 0$ decays. Journal of High Energy Physics, 2018, 2018, 1.	1.6	10
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675	Search for $C P$ violation in $B \rightarrow \pi^+ \pi^-$ decays. Physical Review Letters, 2020, 125, 212001.	2.9	10
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682	Search for heavy neutral and charged leptons in e^+e^- annihilation at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 412, 189-200.	1.5	9
683	Production of e, μ and τ pairs in untagged two-photon collisions at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 407, 341-350.	1.5	9
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686	Search for charged Higgs bosons in e^+e^- collisions at GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 466, 71-78.	1.5	9
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691	First observation of the decay $B_s \rightarrow \phi \overline{K}^0$. Journal of High Energy Physics, 2013, 2013, 1.	1.6	9
692	First observations of the rare decays $B \rightarrow \pi^+ K + \bar{K} + \bar{K}^0 \pi^+ + \pi^+ \pi^0$ and $B \rightarrow \pi^+ \bar{K} + \pi^+ \pi^0 \pi^0$. Journal of High Energy Physics, 2014, 2014, 1.	1.6	9
693	Observation of the $B_s \rightarrow \pi^+ \pi^-$ Decay. Physical Review Letters, 2015, 115, 051801.	2.9	9
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882	Highlights from the LHCb experiment. Nuclear Physics A, 2019, 982, 15-21.	0.6	0

#	ARTICLE	IF	CITATIONS
883	<p>First observation of the decay $\langle \text{mml:math xmlns:mml}=\text{"http://www.w3.org/1998/Math/MathML"} \text{ display="inline"} \langle \text{mml:m} \text{msubsup} \rangle \langle \text{mml:mi} \text{mathvariant="normal"} \rangle \hat{\Gamma} \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle \text{b} \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 0 \langle \text{mml:mn} \rangle \langle \text{mml:m} \text{msubsup} \rangle \langle \text{mml:mo} \text{stretchy="false"} \rangle \hat{\Gamma} \langle \text{mml:mo} \rangle \langle \text{mml:m} \text{sub} \rangle \langle \text{mml:mi} \rangle \hat{\Gamma} \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle \text{c} \langle \text{mml:mi} \rangle \langle \text{mml:m} \text{sub} \rangle \langle \text{mml:mo} \text{stretchy="false"} \rangle \langle \text{mml:mo} \rangle \langle \text{mml:mn} \rangle 1 \langle \text{mml:mn} \rangle \langle \text{mml:mi} \rangle \text{S} \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle \text{Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 72$</p>	1.6	0