

# Giovanni Passaleva

## List of Publications by Year in descending order

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883  
papers

37,725  
citations

5558

82  
h-index

6630

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 $B \rightarrow K^* \mu^+ \mu^-$ Decays. Physical Review Letters, 2014, 113, 151601. <a href="http://www.w3.org/1998/Math/MathML">http://www.w3.org/1998/Math/MathML</a>	2.9	845
5	Measurement of the Ratio of Branching Fractions $\frac{B \rightarrow J/\psi p}{B \rightarrow J/\psi \Lambda}$ Consistent with Pentaquark States in $B$ Mesons. Physical Review Letters, 2014, 113, 151601. <a href="http://www.w3.org/1998/Math/MathML">http://www.w3.org/1998/Math/MathML</a>	2.9	816
6	Measurement of the Ratio of Branching Fractions $\frac{B \rightarrow J/\psi p}{B \rightarrow J/\psi \Lambda}$ Consistent with Pentaquark States in $B$ Mesons. Physical Review Letters, 2014, 113, 151601. <a href="http://www.w3.org/1998/Math/MathML">http://www.w3.org/1998/Math/MathML</a>		



#	ARTICLE	IF	CITATIONS
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 $J/\psi$ structures Consistent with Exotic States from Amplitude Analysis of $B \rightarrow J/\psi K$ Decays. Physical Review Letters, 2020, 124, 041801.	2.9	150
39	Search for Hidden-Sector Bosons in $B \rightarrow K^* \ell \ell$ . 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 $B \rightarrow K^* \ell \ell$ . 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 $C$ -Averaged Observables in the $B \rightarrow K^* \ell \ell$ . 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 $J/\psi$ -pair production in pp collisions at $\sqrt{s}=7$ TeV. Physical Review Letters, 2012, 109, 231801.	1.5	123
47	Evidence of a $J/\psi$ structure and observation of excited $J/\psi$ states in the $B \rightarrow J/\psi K$ decays. Physical Review Letters, 2012, 109, 231801.	2.9	122
48	Measurement of $J/\psi$ polarization in pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2013, 73, 2631.	4.3	121
49	Amplitude analysis of the $B \rightarrow D^* \ell \ell$ 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 $7 < \sqrt{s} < 10.5$ TeV collisions. Physical Review D, 2012, 85, 012005.	1.6	116
52	Evidence for the decay $X \rightarrow J/\psi K$ . Physical Review Letters, 2012, 109, 231801.	1.5	115
53	Evidence for the decay $X \rightarrow J/\psi K$ . Physical Review Letters, 2012, 109, 231801.	0.9	114
54	Measurement of $J/\psi$ polarization in pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2013, 73, 2631.		

#	ARTICLE	IF	CITATIONS
55	Search for Dark Photons Produced in $13\text{ TeV}$ Collisions. Physical Review Letters, 2018, 120, 061801.	2.9	113
56	Differential branching fraction and angular analysis of the decay $B_0 \rightarrow K^* \rho^+ \rho^-$ . Journal of High Energy Physics, 2013, 2013, 1.	1.6	111
57	Updated measurements of exclusive $J/\psi$ 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 $B \rightarrow D^* \rho^+ \rho^-$ 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 $B \rightarrow D^* \rho^+ \rho^-$ 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 $J/\psi$ 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 $B \rightarrow D^* \rho^+ \rho^-$ Decays. Physical Review Letters, 2014, 112, 131802.	2.9	106
64	First Observation of $B \rightarrow D^* \rho^+ \rho^-$ Violation in the Decays of $B \rightarrow D^* \rho^+ \rho^-$ . 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 $J/\psi$ 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 $B \rightarrow D^* \rho^+ \rho^-$ . Journal of High Energy Physics, 2013, 2013, 1.	1.6	103
69	Contributions to $B \rightarrow D^* \rho^+ \rho^-$ Decays. Physical Review Letters, 2013, 111, 101801.	2.9	102
70	Violation in the Phase Space of $B \rightarrow D^* \rho^+ \rho^-$ . 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	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
82	Measurement of the $B \rightarrow D^0 \pi^+ \pi^-$ decays. Physical Review Letters, 2012, 109, 172003.	2.9	81
83	Differential branching fraction and angular analysis of $B \rightarrow D^0 \pi^+ \pi^-$ decays. Journal of High Energy Physics, 2015, 2015, .	1.6	82
84	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
85	Dalitz plot analysis of $B \rightarrow D^0 \pi^+ \pi^-$ decays. Physical Review Letters, 2012, 109, 172003.	1.6	80
86	Dalitz plot analysis of $B \rightarrow D^0 \pi^+ \pi^-$ decays. Physical Review Letters, 2012, 109, 172003.	1.6	80
87	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

#	ARTICLE	IF	CITATIONS
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 $\Lambda_{cc}^+$ and $\Sigma_{cc}^+$ 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 $\Lambda_{cc}^+$ and $\Sigma_{cc}^+$ decays. Physical Review Letters, 2018, 121, 072002.	2.9	77
96	Measurement of the Lifetime of the Doubly Charmed Baryon $\Lambda_{cc}^+$ and $\Sigma_{cc}^+$ 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 $J/\psi$ 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 $\sigma_c(1S)$ production cross-section in proton-proton collisions via $B \rightarrow c$ decays. Physical Review Letters, 2014, 2014, 1.	1.6	73

#	ARTICLE	IF	CITATIONS
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 $B \rightarrow D^* \rho$ decays. Journal of High Energy Physics, 2012, 2012, 1.	1.6	67
114	Study of the lineshape of the $B \rightarrow D^* \rho$ decays. Journal of High Energy Physics, 2012, 2012, 1.	1.6	66
115	Analysis of the resonant components in $B \rightarrow D^* \rho$ decays. Journal of High Energy Physics, 2012, 2012, 1.	1.6	65
116	Search for the $X(3872)$ . Journal of High Energy Physics, 2012, 2012, 1.	1.6	65
117	Measurement of the isospin asymmetry in $B \rightarrow D^* \rho$ decays. Journal of High Energy Physics, 2012, 2012, 1.	1.6	65
118	Precision measurement of D meson mass differences. Journal of High Energy Physics, 2013, 2013, .	1.6	65
119	Production of $J/\psi$ and $\Upsilon$ mesons in pp collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	1.6	65
120	Observation of $D^* \rightarrow D \rho$ decays. Journal of High Energy Physics, 2012, 2012, 1.	2.9	65
121	Measurement of the $B \rightarrow D^* \rho$ decays. Journal of High Energy Physics, 2012, 2012, 1.	1.6	65
122	Precision measurement of $B \rightarrow D^* \rho$ 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 $\Gamma_s$ 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 $B \rightarrow D^* \rho$ . 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, 107, 241801.	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 $J/\psi$ 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 $\alpha_s$ and a new limit for $\alpha_s$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 396, 327-337.	1.5	57
141	Evidence for an $\eta_c(1S)$ resonance in $B^0 \rightarrow \eta_c(1S) K^+ \pi^-$		



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163	Differential Branching Fraction and Angular Analysis of the Decay $B^0 \rightarrow K^* \rho^+ \pi^-$ . 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 $\Xi_{cc}^{++}$ . Journal of High Energy Physics, 2013, 2013, 1.	1.6	50
166	Precision measurement of the ratio of the branching fractions $R_{D^*} = \frac{\mathcal{B}(B \rightarrow D^* \tau \nu)}{\mathcal{B}(B \rightarrow D^* \ell \nu)}$ to the ratio of the branching fractions $R_D = \frac{\mathcal{B}(B \rightarrow D \tau \nu)}{\mathcal{B}(B \rightarrow D \ell \nu)}$ . Physical Review Letters, 2012, 108, 201601.	1.5	50
167	First observation and amplitude analysis of the decay $B^0 \rightarrow D^+ \pi^- \rho^0$ . Physical Review D, 2015, 91, .	1.6	50
168	Search for anomalous $Z \rightarrow \tau^+ \tau^- \tau^+ \tau^-$ 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 $B^0 \rightarrow D^+ \pi^- \rho^0$ Decay. Physical Review Letters, 2012, 108, 201601.	2.9	49
174	Measurement of the cross-section ratio $R_{D^*} = \frac{\mathcal{B}(B \rightarrow D^* \tau \nu)}{\mathcal{B}(B \rightarrow D^* \ell \nu)}$ . 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 $F_2^{\text{had}}$ 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 $\Lambda_{\text{b}}$ Baryons Decaying to $\Lambda^0 p$ . Physical Review Letters, 2017, 118, 242001.	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 $K^* \rightarrow \rho \pi$ and $\rho \rightarrow \pi \pi$ 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 $\Lambda_{\text{b}}$ 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 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	43
198	Study of $\chi_{\text{c}} \rightarrow \text{b meson production in } p\bar{p} \text{ collisions at } \sqrt{s} = 7 \text{ and } 8 \text{ TeV}$ . 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 $B_c^+ \rightarrow \psi(3770) \mu^+ \nu_\mu$ . 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 $B_c^+ \rightarrow D^0 \mu^+ \nu_\mu$ Decays. 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 $B^+ \rightarrow \tilde{\chi}_i^0 (J/\psi \text{ or } \psi(3770)) K^+$ decays. Journal of High Energy Physics, 2020, 2020, 1.	1.6	42
204	Amplitude analysis of the $B_c^+ \rightarrow B^0 \mu^+ \nu_\mu$ 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 $B_c^+ \rightarrow \psi(3770) \mu^+ \nu_\mu$ . 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 $B_c^+ \rightarrow D^0 \mu^+ \nu_\mu$ Collisions at LHCb. Physical Review Letters, 2018, 121, 222001.	2.9	41
211	Cross section of hadron production in $\tilde{\chi}_2^0 \tilde{\chi}_1^0$ 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 $B_c^+ \rightarrow \tilde{\chi}_i^0 \mu^+ \nu_\mu$ and $B_c^+ \rightarrow \tilde{\chi}_i^0 K^+ \mu^+ \nu_\mu$ . 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
217	Study of $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mo stretchy="false"} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ Production in Jets. Physical Review Letters, 2017, 118, 192001.	2.9	39
218	Search for beautiful tetraquarks in the $\bar{\psi}(1S)\hat{1}/4 + \hat{1}/4\hat{\alpha}$ invariant-mass spectrum. Journal of High Energy Physics, 2018, 2018, 1.	1.6	39
219	High mass photon pairs in $\hat{\alpha}, \hat{\alpha}, \hat{\alpha}\hat{1}\hat{3}$ events at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 295, 337-346.	1.5	38
220	Single and multi-photon events with missing energy in $e+e\hat{\alpha}$ collisions at $\sqrt{s} = 189$ GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 470, 268-280.	1.5	38
221	Search for charged Higgs bosons at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 575, 208-220.	1.5	38
222	Search for $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"} \rangle \langle \text{mml:msubsup} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mo stretchy="false"} \rangle \langle \text{mml:mo} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle$ Tj ETQqO O O rgBT /Overlock 10 Tf 50 537 Td (stretchy="false") $\langle \text{mml:math} \rangle$	2.9	38
223	Measurement of the forward-backward asymmetry in $Z\hat{1}\hat{3} \rightarrow \hat{\alpha} + \hat{\alpha}$ production asymmetry in 7 TeV pp collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 719, 262-266.	1.6	37
224	Amplitude Analysis of $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mo} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mo} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ Decays. Physical Review Letters, 2019, 123, 231802.	2.9	38
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239	Measurement of the differential branching fraction of the decay $B \rightarrow D^* \ell^+ \ell^-$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 725, 253-255.	1.5	35
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242	Observation of the $\hat{b} \rightarrow \hat{c} \ell^+ \ell^-$ decay. Journal of High Energy Physics, 2014, 2014, 1.	1.6	35
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251	Measurement of the $J/\psi$ 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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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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260	Search for direct CP violation in $B \rightarrow \tau^+ \tau^-$ 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 $B \rightarrow \tau^+ \tau^-$ . 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
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273	Observation of Several Sources of CP Violation in $B \rightarrow \tau^+ \tau^-$ . $T_j$ ETQq1 <sup>1-6</sup> 0.7843T4 rgBT	1.6	32
274	Violation in $B \rightarrow \tau^+ \tau^-$ . $T_j$ ETQq1 <sup>1-6</sup> 0.7843T4 rgBT	1.6	32
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278	Measurement of the ratio of fragmentation fractions to charm quarks $B \rightarrow c \bar{c}$ . Studies of beauty baryon decays to $D \bar{D}$ . $T_j$ ETQq1 <sup>1-6</sup> 0.7843T4 rgBT	1.6	31
279	Search for violations of Lorentz invariance and CPT symmetry in $B \rightarrow \tau^+ \tau^-$ . $T_j$ ETQq1 <sup>1-6</sup> 0.7843T4 rgBT	2.9	31
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282	A search for the neutral Higgs boson at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 303, 391-399.	1.5	30
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285	Measurement of $J/\psi$ production in pp collisions at $\sqrt{s} = 2.76$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	1.6	30

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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
301	Measurement of relative branching fractions of B decays to $\psi(2S)$ and $J/\psi$ mesons. European Physical Journal C, 2012, 72, 2118.	1.4	29
302	Measurement of the $B \rightarrow D^* K$ decays. Physical Review D, 2015, 92, 074017.	2.9	29
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317	First Observation of the Decay $B \rightarrow K^* \ell^+ \ell^-$ and a Measurement of $\langle \sigma_{\text{had}} \rangle$ at $\sqrt{s} = 7\text{ TeV}$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 423, 1-6.	2.9	28
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320	Measurement of exclusive $\tau^+ \tau^-$ production in two-photon collisions at high Q <sup>2</sup> at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 568, 11-22.	1.5	27
321	First observation of the decay $B \rightarrow K^* \ell^+ \ell^-$ . Physical Review Letters, 2014, 113, 152003.	2.9	27
322	Measurement of CP violation and constraints on the CKM angle $\hat{\beta}^3$ in $B \rightarrow K^* \ell^+ \ell^-$ decays. Nuclear Physics B, 2014, 888, 169-193.	1.5	27
323	Evidence for $B \rightarrow K^* \ell^+ \ell^-$ decays. Physical Review Letters, 2014, 113, 152003.	0.9	27
324	Violation in $B \rightarrow K^* \ell^+ \ell^-$ decays. Physical Review Letters, 2014, 113, 152003.	2.9	27

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326	Inclusive J production in ZO decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 288, 412-420.	1.5	26
328	Measurement of hadron and lepton-pair production at at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 370, 195-210.	1.5	26
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
331	Prompt $K^0_S$ production in $pp$ collisions at $\sqrt{s} = 0.9$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy	1.5	26
332	Measurement of prompt hadron production ratios in $pp$ collisions at $\sqrt{s} = 0.9$ TeV. European Physical Journal C, 2012, 72, 1.	1.4	26
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340	Measurement of the spectroscopy of orbitally excited B mesons at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 465, 323-334.	1.5	25
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344	Measurement of the forward energy flow in pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2013, 73, 2421.	1.4	25
346	Observation of the decay $B_c^+ \rightarrow K^+ \pi^0$ . Journal of High Energy Physics, 2013, 2013, 1.	1.6	25
347	Study of forward Z + jet production in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	1.6	25
348	Searches for $\Lambda_b^0$ and $\Xi_b^0$ decays to $K_S^0 \pi^0$ and $K_S^0 \pi^+ \pi^-$ final states with first observation of the $\Lambda_b^0 \rightarrow K_S^0 \pi^0$ decay. Journal of High Energy Physics, 2014, 2014, 1.	1.6	25
349	Observation of the Annihilation Decay Mode $B_c^+ \rightarrow K^+ \pi^0$ . Physical Review Letters, 2017, 118, 081801.	2.9	25
350	Observation of $B_c^+ \rightarrow K^+ \pi^0$ decays. Physical Review Letters, 2017, 118, 111803.	2.9	25
351	Measurement of the inclusive $B_c^+ \rightarrow K^+ \pi^0$ branching ratio. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 332, 201-208.	1.5	24
352	Search for neutral charmless B decays at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 363, 127-136.	1.5	24
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
355	Single and multi-photon events with missing energy in $e^+e^-$ collisions at GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 444, 503-515.	1.5	24
356	Search for charginos with a small mass difference to the lightest supersymmetric particle at $\sqrt{s} = 189$ GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 482, 31-42.	1.5	24
357	Measurements of the branching fractions of $B_c^+ \rightarrow K^+ \pi^0$ decays. European Physical Journal C, 2013, 73, 2462.	1.4	24
358	Observations of $B_c^+ \rightarrow K^+ \pi^0$ decays. Physical Review Letters, 2014, 112, 091802.	0.9	24
359	Observation of $B_c^+ \rightarrow K^+ \pi^0$ decays and measurement of the $\theta_{13}$ mixing angle. Physical Review Letters, 2014, 112, 091802.	2.9	24
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379	Formation of the $\hat{I}$ -c in two-photon collisions at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 461, 155-166.	1.5	22
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
384	A model-independent Dalitz plot analysis of $B \rightarrow D^* \ell^+ \ell^-$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 726, 623-633.	1.5	22
385	Model-independent search for CP violation in $B \rightarrow D^* \ell^+ \ell^-$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 726, 623-633.	1.5	22
386	First observations of $B \rightarrow D^* D^*$ , $D_s + D^*$ and $D^0 D^*$ decays. Physical Review D, 2013, 87, .	1.6	22
387	Measurement of the $C \rightarrow P$ Asymmetry in $B \rightarrow D^* \ell^+ \ell^-$ decays. Physical Review Letters, 2013, 110, 031801.	2.9	22
388	Measurement of the CKM angle $\hat{\Gamma}^3$ using $B_{\hat{A}\pm} \rightarrow DK_{\hat{A}\pm}$ with $D \rightarrow K^0 \ell^+ \ell^-$ , $K^0 K^+ K^-$ decays. Journal of High Energy Physics, 2014, 2014, 1.	1.6	22
389	First Observation of Top Quark Production in the Forward Region. Physical Review Letters, 2015, 115, 112001.	2.9	22
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391	Measurement of the $C \rightarrow P$ Asymmetry in $B \rightarrow D^* \ell^+ \ell^-$ decays. Physical Review Letters, 2013, 110, 031801.	2.9	22
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394	Observation of $B \rightarrow D^* \ell^+ \ell^-$ Final States. Physical Review Letters, 2012, 108, 151801.	2.9	21
395	Search for Rare $B \rightarrow D^* \ell^+ \ell^-$ decays. Physical Review Letters, 2012, 108, 151801.	2.9	21
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400	Observation of the decay $B \rightarrow B^0 \tilde{\chi}^0$ and evidence for $B \rightarrow B^0 \tilde{\chi}^{\pm}$ . Physical Review Letters, 2017, 95, .	1.6	21
401	Meson Decays to $D^0 \tilde{\chi}^0$ and $D^0 \tilde{\chi}^{\pm}$ . Physical Review Letters, 2017, 119, 181805.	2.9	21
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407	Measurements of mass, width and gauge couplings of the W boson at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 413, 176-190.	1.5	20
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411	Inclusive charm production in two-photon collisions at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 453, 83-93.	1.5	20
412	Study of Z boson pair production in $e^+e^-$ collisions at LEP at GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 465, 363-375.	1.5	20
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416	Search for $C$ -violation in $D$ -meson decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 704, 1-4.	1.6	20
417	Measurement of the branching fraction and CP asymmetry of $B \rightarrow D^* K$ decays. Physical Review D, 2011, 83, 012001.	1.5	20
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421	Measurement of the branching fraction and CP asymmetry of $B \rightarrow D^* K$ decays. Physical Review D, 2014, 89, 012001.	1.6	20
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441	Measurement of the branching fractions of the decays $B^0 \rightarrow D^* K^+ K^-$ and $B^0 \rightarrow D^* K^+ K^-$ . Physical Review D, 2013, 87, .	1.6	19
442	Search for $CP$ violation in the decay $B^0 \rightarrow D^* K^+ K^-$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 728, 585-595.	1.5	19
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446	Search for non-minimal Higgs bosons in $Z^0$ decays. Zeitschrift für Physik C-Particles and Fields, 1993, 57, 355-381.	1.5	18
447	Measurement of the $B^0 - \bar{B}^0$ mixing parameter and the forward-backward asymmetry. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 335, 542-553.	1.5	18
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452	Double-tag events in two-photon collisions at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 531, 39-51.	1.5	18
453	Measurement of $V_0$ production ratios in pp collisions at $\sqrt{s} = 0.9$ and 7 TeV. Journal of High Energy Physics, 2011, 2011, 1.	1.6	18
454	Measurement of the $B_s \rightarrow \tau^+ \nu_\tau$ branching fraction and angular amplitudes. Physical Review D, 2012, 86, .	1.6	18
455	Measurement of the fraction of $\hat{1}^{\nu}$ (1S) originating from $\hat{1}^{\nu b}$ (1P) decays in pp collisions at $\sqrt{s}=7$ , TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	18
456	Measurement of $C$ violation in $B$ decays. Physical Review D, 2014, 90, .	1.6	18
457	Measurement of forward $W^+ e^{\hat{1}/2}$ production in pp collisions at $\sqrt{s}=8$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	1.6	18
458	Observation of $S$ decays. Physical Review D, 2019, 99, .	1.5	18
459	$\hat{1}^{\nu c1}$ and $\hat{1}^{\nu c2}$ Resonance Parameters with the Decays $\hat{1}^{\nu c1, c2} \rightarrow \tau^+ \nu_\tau + \hat{1}^{\nu/4} \hat{1}^{\nu/4}$ . Physical Review Letters, 2017, 119, 221801.	1.5	18
460	Measurement of the mass and production rate of $\hat{1}^{\nu b}$ baryons. Physical Review D, 2019, 99, .	1.6	18
461	Search for Lepton-Flavor Violating Decays $B \rightarrow \tau^+ K + \hat{1}^{\nu/4} \hat{1}^{\nu/4}$ . Physical Review Letters, 2019, 123, 241802.	2.9	18
462	First branching fraction measurement of the suppressed decay $\hat{1}^{\nu c} \rightarrow \tau^+ \nu_\tau + \hat{1}^{\nu/4} \hat{1}^{\nu/4}$ . Physical Review D, 2020, 102, .	1.6	18
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465	Production of single W bosons at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 403, 168-176.	1.5	17
466	Measurement of hadron and lepton-pair production at at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 407, 361-376.	1.5	17
467	$K_S^0$ and $\hat{1}^{\nu}$ production in quark and gluon jets at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 407, 389-401.	1.5	17
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470	Search for excited leptons in $e^+e^-$ interactions at $\sqrt{s}=202$ GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 502, 37-50.	1.5	17
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472	Measurement of W polarisation at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 557, 147-156.	1.5	17
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476	Measurement of the $g_{BS}$	0.9	17
477	Measurement of the $g_{BS}$	1.0	17
478	Measurement of the $g_{BS}$	2.9	17
479	Search for the decay $B \rightarrow D^0 \nu \bar{\nu}$ (980). Journal of High Energy Physics, 2015, 2015, 1.	1.6	17
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482	Observation of $\hat{\Gamma} \rightarrow b \rightarrow 0$ and $\hat{\Gamma} \rightarrow b \rightarrow 0$ decays and a measurement of the $\hat{\Gamma} \rightarrow b \rightarrow 0$ baryon ma	1.6	17
483	Measurement of the $g_{BS}$	1.5	17
484	Measurement of CP asymmetry in $D^0 \rightarrow \ell^+ \ell^- K^+$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 767, 177-187.	1.5	17
485	Study of charmonium production in $B \rightarrow \phi \phi \phi$ $B \rightarrow \phi \phi \phi$ $B \rightarrow \phi \phi \phi$ decays and first evidence for the decay $B \rightarrow \phi \phi \phi$	1.4	17
486	Improved limit on the branching fraction of the rare decay $B \rightarrow \mu^+ \mu^- K^+ \bar{K}^0$	1.4	17

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490	Measurement of the $B_{\hat{A}\pm}$ production cross-section in pp collisions at $\sqrt{s}=7$ and 13 TeV. Journal of High Energy Physics, 2017, 2017, .	1.6	17
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496	Study of hadronic events and measurements of $\hat{I}_{\pm s}$ between 30 and 91 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 411, 339-353.	1.5	16
497	Search for the Standard Model Higgs boson in $e^+e^-$ collisions at up to 202 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 508, 225-236.	1.5	16
498	Measurement of the charm production cross section in $\hat{t}\hat{t}^*$ collisions at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 514, 19-28.	1.5	16
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501	Measurement of hadron and lepton-pair production in $e^+e^-$ collisions at $\sqrt{s}=192-208$ GeV at LEP. European Physical Journal C, 2006, 47, 1-19.	1.4	16
502	Measurement of the $B_{\hat{A}\pm}$ production cross-section in pp collisions at $\sqrt{s}=7$ and 13 TeV. Journal of High Energy Physics, 2017, 2017, .		

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507	Search for the Rare Decays $B \rightarrow \mu^+ \mu^- \nu \bar{\nu}$ . Physical Review Letters, 2020, 124, 211802.	2.9	16
508	Measurement of $\tau$ production in pp collisions at $\sqrt{s}=13.6$ TeV*. Chinese Physics C, 2020, 44, 022001.	1.5	16
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511	Measurement of inclusive $\tau$ and $\tau^0$ production in hadronic Z decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 393, 465-476.	1.5	15
512	Search for the standard model Higgs boson in $e^+e^- \rightarrow \tau^+ \tau^- W^+ W^-$ interactions at GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 431, 437-450.	1.5	15
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514	Production of single W bosons at LEP and measurement of $WW^0$ gauge coupling parameters. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 547, 151-163.	1.5	15
515	Search for a Higgs boson decaying to weak boson pairs at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 568, 191-204.	1.5	15
516	Inclusive charged hadron production in two-photon collisions at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 554, 105-114.	1.5	15
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519	Observation of the decay $B \rightarrow \mu^+ \mu^- \nu \bar{\nu}$ . Observation of the suppressed ADS modes $B \rightarrow \mu^+ \mu^- \nu \bar{\nu}$ . Physical Review Letters, 2003, 91, 231801.	1.5	15
520	Observation of the decay $B \rightarrow \mu^+ \mu^- \nu \bar{\nu}$ . Observation of the suppressed ADS modes $B \rightarrow \mu^+ \mu^- \nu \bar{\nu}$ . Physical Review Letters, 2003, 91, 231801.	1.5	15
521	First Measurement of the Charge Asymmetry in Beauty-Quark Pair Production. Physical Review Letters, 2014, 113, 082003.	2.9	15
522	Measurement of CP violation parameters and polarisation fractions in $B \rightarrow \mu^+ \mu^- J/\psi K^0$ decays. Journal of High Energy Physics, 2015, 2015, 1.	1.6	15

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524	Measurement of $B \rightarrow D^* \pi^0$ and $B \rightarrow D^* \pi^+$ meson lifetimes. Physical Review Letters, 2017, 119, 101801.	2.9	15
525	Observation of the suppressed decay $B^0 \rightarrow \pi^+ \pi^- \pi^0$ . Journal of High Energy Physics, 2017, 2017, 1.	1.6	15
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528	Measurement of CP observables in $B_{d,s}^0 \rightarrow D^0 K^{\pm}$ and $B_{d,s}^0 \rightarrow D^0 \pi^{\pm}$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 777, 16-30.	1.3	15
529	Measurement of the Charm-Mixing Parameter $\gamma_{CP}$ . Physical Review Letters, 2019, 122, 011802.	2.9	15
530	Variation with Proton-Proton Collision Energy and $B \rightarrow D^* \pi^0$ meson lifetimes. Physical Review Letters, 2020, 124, 122002.	2.9	15
531	Search for heavy neutral leptons in $W^+ \rightarrow \mu^+ \mu^+ \mu^-$ , $W^+ \rightarrow \mu^+ \mu^+ \mu^0$ decays. European Physical Journal C, 2021, 81, 1.	1.4	15
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533	Search for neutral B meson decays to two charged leptons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 391, 474-480.	1.5	14
534	Measurement of $\tilde{\mu}$ , polarisation at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 429, 387-398.	1.5	14
535	Heavy quarkonium production in Z decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 453, 94-106.	1.5	14
536	Search for neutral Higgs bosons of the minimal supersymmetric standard model in $e^+e^-$ interactions at up to 209 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 545, 30-42.	1.5	14
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538	Measurement of the polarization amplitudes and triple product asymmetries in the $B \rightarrow D^* \pi^0$ decays at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 549, 109-114.	1.5	14
539	Search for CP violation in $D^+ \rightarrow \pi^+ \pi^0$ and $D_s^+ \rightarrow \pi^+ \pi^0$ decays. Journal of High Energy Physics, 2013, 2013, 1.	1.6	14
540	Study of $B_{(s)}^0 \rightarrow K_{(s)}^0 h^+ h^-$ decays with first observation of $B_{(s)}^0 \rightarrow K_{(s)}^0 \pi^+ \pi^-$ and $B_{(s)}^0 \rightarrow K_{(s)}^0 \pi^+ \pi^0$ . Journal of High Energy Physics, 2013, 2013, .	1.6	14

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542	Measurement of $B \rightarrow D^0$ violation parameters in $B^0 \rightarrow D^0$ decays. Physical Review D, 2014, 90, .	1.6	14
543	Measurement of the $B^0$ Meson Lifetime in $D_s^+ \rightarrow B^0$ Decays. Physical Review Letters, 2014, 113, 172001.	2.9	14
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581	A study of CP violation in $D^{\pm} \rightarrow K^{\pm} K^0$ and $D^{\pm} \rightarrow K^{\pm} \bar{K}^0$ decays with $B \rightarrow K^* \mu^+ \mu^-$ decays. Journal of High Energy Physics, 2014, 2014, 1.	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
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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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683	Production of $e, \mu$ and $\tau$ 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 $e^+e^- \gamma \gamma$ collisions at GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999, 466, 71-78.	1.5	9
687	Production of single W bosons at GeV and measurement of $WW \gamma \gamma$ gauge couplings. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000, 487, 229-240.	1.5	9
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749	A gamma beam profile imager for ELI-NP Gamma Beam System. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2018, 893, 109-116.	0.7	7
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784	First observation of the rare $B \rightarrow D^+_{s1} K^-$ decay. Physical Review D, 2016, 93, .	1.6	5
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830	First observation of the decay $B \rightarrow K^* K^0$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997, 407, 351-360.	1.6	3
831	Measurement of the CP asymmetry in $B \rightarrow K^* K^0$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998, 427, 409-412.	1.6	3
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835	$K^0$ s and $\bar{b}$ production in quark and gluon jets at LEP [Phys. Lett. B 407 (1997) 389]. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998, 427, 409-412.	1.5	2
836	Test of CP invariance in $Z \rightarrow \tau^+ \tau^-$ decay. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998, 436, 428-436.	1.5	2
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839	Measurement of the charm quark production in $e^+e^-$ collisions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998, 427, 409-412.	1.5	2
840	Performance of the LHCb muon system with cosmic rays. <i>Journal of Instrumentation</i> , 2010, 5, P10003-P10003.	0.5	2
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846	A Compton spectrometer to monitor the ELI-NP gamma beam energy. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2019, 936, 107-109.	0.7	2



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865	Observation of the decay $\Lambda_{\text{b}}^0 \rightarrow \tau^+ \bar{\nu}_{\tau} \ell^+ \nu_{\ell}$ . Journal of High Energy Physics, 2021, 2021, 1.	1.6	1
866	Angular analysis of $B^0 \rightarrow D^{\ast-} D_s^{\ast+}$ with $D_s^{\ast+} \rightarrow D_s^+ \gamma$ decays. Journal of High Energy Physics, 2021, 2021, 1.	1.6	1
867	Measurement of branching fraction ratios for $B^+ \rightarrow D^{\ast+} D^{\ast-} K^+$ , $B^+ \rightarrow D^{\ast+} D^{\ast-} K^+$ , and $B^0 \rightarrow D^{\ast+} D^{\ast-} K^+$ decays. Journal of High Energy Physics, 2020, 2020, .	1.6	1
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883	<p>First observation of the decay <math>\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 \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 \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 S \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle \text{Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 72}</math></p>	1.6	0