

Alessandro Petrolini

List of Publications by Year in descending order

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Version: 2024-02-01

687
papers

33,793
citations

7087

78
h-index

6990

154
g-index

697
all docs

697
docs citations

697
times ranked

11577
citing authors

#	ARTICLE	IF	CITATIONS
19	Observation of the decay $B \rightarrow \bar{D}^* K$ and evidence for $B \rightarrow \bar{D}^* K$. Physical Review Letters, 2017, 118, 052002.	1.6	21
20	Measurement of the $B \rightarrow \bar{D}^* K$ production cross section in 7 and 13 TeV collisions. Physical Review Letters, 2017, 118, 052002.	2.9	52
21	Measurement of the phase difference between short- and long-distance amplitudes in the $B \rightarrow \bar{D}^* K$ decay. European Physical Journal C, 2017, 77, 161.	1.4	51
22	Observation of $B \rightarrow \bar{D}^* K$ and $B \rightarrow \bar{D}^* K$ decays. European Physical Journal C, 2017, 77, 72.	1.4	7
23	Measurement of CP asymmetry in $D \rightarrow \bar{D}^* K$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 767, 177-187.	1.5	17
24	Observation of the Decay $B \rightarrow \bar{D}^* K$. Physical Review Letters, 2017, 118, 071801.	2.9	9
25	Search for long-lived scalar particles in $B \rightarrow \bar{D}^* K$. Physical Review Letters, 2017, 118, 071801.	1.6	79
26	Prompt and nonprompt J/ψ production and nuclear modification in p-Pb collisions at $\sqrt{s} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 774, 159-178.	1.5	37
27	Measurement of the $B \rightarrow \bar{D}^* K$ production cross section in 7 and 13 TeV collisions. Physical Review Letters, 2017, 118, 052002.	1.6	21
28	Improved limit on the branching fraction of the rare decay $B \rightarrow \bar{D}^* K$. European Physical Journal C, 2017, 77, 678.	1.4	17
29	Observation of $B_c \rightarrow \bar{D}^* K$ decays. Physical Review D, 2017, 95, .	1.6	12
30	Measurements of charm mixing and violation using $B \rightarrow \bar{D}^* K$. Physical Review D, 2017, 95, .	1.6	11
31	Measurement of the $B \rightarrow \bar{D}^* K$ production asymmetry and the CP asymmetry in $B \rightarrow \bar{D}^* K$ decays. Physical Review D, 2017, 95, .	1.6	6
32	Observation of the decay $B \rightarrow \bar{D}^* K$ and a search for CP violation. Journal of High Energy Physics, 2017, 2017, .	1.6	11
33	Measurement of $B \rightarrow \bar{D}^* K$ and $B \rightarrow \bar{D}^* K$. Physical Review Letters, 2017, 118, 112001.	2.9	15
34	Observation of the Doubly-Charmed Baryon Ξ_{cc} . Physical Review Letters, 2017, 119, 112001.	2.9	417
35	Measurement of the CP Violation Parameter A_{FB}^0 in $D \rightarrow \bar{D}^* K$ and $D \rightarrow \bar{D}^* K$ Decays. Physical Review Letters, 2017, 118, 261803.	2.9	20
36	Observation of $B \rightarrow \bar{D}^* K$ decays. Physical Review Letters, 2017, 118, 111803.	2.9	25

#	ARTICLE	IF	CITATIONS
37	Observation of Five New Narrow States Decaying to $B^0 \rightarrow \pi^+ \pi^- \pi^0$. http://www.w3.org/1998/Math/MathML	2.9	234
38	Measurement of CP asymmetries in $D^0 \rightarrow \pi^+ \pi^- \pi^0$ and $D_s^0 \rightarrow \pi^+ \pi^- \pi^0$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 771, 21-30.	1.5	8
39	Measurement of the $B^0 \rightarrow \pi^+ \pi^- \pi^0$ branching fraction and search for $B^0 \rightarrow \pi^+ \pi^- \pi^0$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 772, 265-273.	1.5	18
40	Observation of the $B^0 \rightarrow \pi^+ \pi^- \pi^0$ decay. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 772, 265-273.	1.5	17
41	Branching Fraction and Effective Lifetime and Search for $B^0 \rightarrow \pi^+ \pi^- \pi^0$. Physical Review Letters, 2017, 118, 1.	2.9	220
42	Observation of the Decays $B^0 \rightarrow \pi^+ \pi^- \pi^0$ and $B^0 \rightarrow \pi^+ \pi^- \pi^0$. Physical Review Letters, 2017, 119, 062001.	2.9	28
43	Observation of the $B^0 \rightarrow \pi^+ \pi^- \pi^0$ decay. Physical Review D, 2017, 96, .	1.6	4
44	Measurement of the shape of the $B^0 \rightarrow \pi^+ \pi^- \pi^0$ differential decay rate. Physical Review D, 2017, 96, .	1.6	29
45	Observation of the suppressed decay $B^0 \rightarrow \pi^+ \pi^- \pi^0$. Journal of High Energy Physics, 2017, 2017, 1.	1.6	15
46	$\rho(770)$ and $\rho(1450)$ Resonance Parameters with the Decays $B^0 \rightarrow \pi^+ \pi^- \pi^0$. Physical Review Letters, 2017, 119, 221801.	1.6	18
47	Observation of $B^0 \rightarrow \pi^+ \pi^- \pi^0$ Meson Decays to $B^0 \rightarrow \pi^+ \pi^- \pi^0$. Physical Review Letters, 2017, 119, 181805.	2.9	21
48	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
49	New algorithms for identifying the flavour of B^0 mesons using pions and protons. European Physical Journal C, 2017, 77, 238.	1.4	11
50	Measurements of prompt charm production cross-sections in pp collisions at $\sqrt{s} = 5$ TeV. Journal of High Energy Physics, 2017, 2017, .	1.6	35
51	Evidence for the two-body charmless baryonic decay $B^0 \rightarrow p \bar{\Lambda}^0$. Journal of High Energy Physics, 2017, 2017, 1.	1.6	10
52	First Observation of the Rare Purely Baryonic Decay $B^0 \rightarrow p \bar{\Lambda}^0$. Physical Review Letters, 2017, 119, 232001.	2.9	15
53	Resonances and CP violation in B^0 and $B^0 \rightarrow \pi^+ \pi^- \pi^0$ decays in the mass region above the $\bar{\Lambda}(1020)$. Journal of High Energy Physics, 2017, 2017, 1.	1.6	19
54	Measurement of CP observables in $B^0 \rightarrow \pi^+ \pi^- \pi^0$ decays using two- and four-body D final states. Journal of High Energy Physics, 2017, 2017, 1.	1.6	7

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55	Measurement of $B_0 \rightarrow B^+ \pi^-$ and $B_0 \rightarrow B^+ \pi^0$ decays. <i>Journal of High Energy Physics</i> , 2017, 2017, 1. https://arxiv.org/abs/1703.09411	1.5	13
56	Measurement of CP violation in $B_0 \rightarrow \pi^+ \pi^-$ and $B_0 \rightarrow \pi^+ \pi^0$ decays. <i>Journal of High Energy Physics</i> , 2017, 2017, .	1.6	9
57	First Observation of a Baryonic B_c^+ Meson. <i>Physical Review Letters</i> , 2017, 119, 041802.	1.4	14
58	Search for decays of neutral beauty mesons into four muons. <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	1.6	12
59	Observation of the decay $B_s^0 \rightarrow \mu^+ \mu^- \tau^+ \tau^-$ and evidence for $B_s^0 \rightarrow \mu^+ \mu^- c \bar{c} + \bar{c} c$. <i>Journal of High Energy Physics</i> , 2017, 2017, .	1.6	6
60	Test of the photon detection system for the LHCb RICH Upgrade in a charged particle beam. <i>Journal of Instrumentation</i> , 2017, 12, P01012-P01012.	0.5	11
61	Bose-Einstein correlations of same-sign charged pions in the forward region in pp collisions at $\sqrt{s} = 7$ TeV. <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	1.6	9
62	Measurement of the $Y(nS)$ polarizations in pp collisions at $\sqrt{s} = 7$ and 8 TeV. <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	1.6	9
63	A precise measurement of the $B^0 \rightarrow B^+ B^-$ meson oscillation frequency. <i>European Physical Journal C</i> , 2016, 76, 412.	1.4	21
64	Measurement of forward W and Z boson production in association with jets in proton-proton collisions at $\sqrt{s} = 8$ TeV. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	1.6	16
65	Measurement of the properties of the Λ_b^0 baryon. <i>Journal of High Energy Physics</i> , 2016, 2016, .	1.6	21
66	Measurement of the CKM angle $\hat{\beta}_3$ using $B^0 \rightarrow DK^* \rightarrow D^+ K^- S^0 \rightarrow D^+ K^- \pi^0$ decays. <i>Journal of High Energy Physics</i> , 2016, 2016, .	1.6	8
67	Measurement of the forward Z boson production cross-section in pp collisions at $\sqrt{s} = 13$ TeV. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	1.6	23
68	Measurement of the ratio of branching fractions $\mathcal{B}(B_c \rightarrow \pi^+ J/\psi K^+) / \mathcal{B}(B_c \rightarrow \pi^+ J/\psi K^0)$. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	1.6	13
69	Measurement of forward $W^+ e^+ \nu_e$ production in pp collisions at $\sqrt{s} = 8$ TeV. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	1.6	18
70	Measurement of the CKM angle $\hat{\beta}_3$ from a combination of LHCb results. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	1.6	29
71	A new algorithm for identifying the flavour of B^0 mesons at LHCb. <i>Journal of Instrumentation</i> , 2016, 11, P05010-P05010.	0.5	12
72	Amplitude analysis of $B^0 \rightarrow \pi^+ \pi^- \pi^0$ decays. <i>Physical Review D</i> , 2016, 94, .	1.6	7

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73	Measurement of the violation in $C \rightarrow P$ asymmetry in $B \rightarrow D$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 762, 484-492.	2.9	12
74	Measurement of the lifetime of the B_c meson. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 762, 473-483.	1.5	6
75	Measurements of long-range near-side angular correlations in pp collisions in the forward region. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 762, 473-483.	1.5	17
76	Measurement of CP observables in $B \rightarrow DK$ and $B \rightarrow D^* \bar{D}^* \bar{K}$ with two- and four-body D decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 760, 117-131.	1.5	20
78	Asymmetry in $B \rightarrow B_s$ mixing. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 760, 117-131.	2.9	22
79	Mixing in $B \rightarrow B_s$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 760, 117-131.	2.9	110
80	Measurement of the mass and lifetime of the B_c meson. Physical Review D, 2016, 93, .	1.6	13
81	Oscillations in $B \rightarrow D$ decays. Physical Review D, 2016, 93, .	2.9	27
82	First observation of the rare $B \rightarrow D^* K^* \bar{K}^*$ decay. Physical Review D, 2016, 93, .	1.6	5
83	Measurement of the $B_s \rightarrow D_s^* D_s^* \bar{K}^*$ branching fractions. Physical Review D, 2016, 93, .	1.6	5
84	Constraints on the unitarity triangle angle α_3 from Dalitz plot analysis of $B \rightarrow K^* K^* \bar{K}^*$ decays. Physical Review D, 2016, 93, .	1.6	13
85	Asymmetries in $B \rightarrow K$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 762, 484-492.	2.9	42
86	Differential branching fraction and angular moments analysis of the decay $B \rightarrow K^* K^* \bar{K}^*$ in the $K^* \bar{K}^* \bar{K}^*$ region. Journal of High Energy Physics, 2016, 2016, 1.	1.6	15
87	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
88	First observation of the decay $B \rightarrow K^* K^* \bar{K}^*$ at LHCb. Journal of High Energy Physics, 2016, 2016, 1. 5	1.6	5
89	First observation of the decay $D \rightarrow K^* K^* \bar{K}^*$ in the $K^* \bar{K}^* \bar{K}^*$ region of the dimuon mass spectrum. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 757, 558-567.	1.5	13
90	Angular analysis of the $B \rightarrow K^* K^* \bar{K}^*$ decay using 3 fb $^{-1}$ of integrated luminosity. Journal of High Energy Physics, 2016, 2016, 1.	1.6	304

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109	Measurement of the $B_s^0 \rightarrow \bar{c} \ell^+ \nu_\ell$ branching fraction and search for the decay $B^0 \rightarrow \bar{c} \ell^+ \nu_\ell$. Journal of High Energy Physics, 2015, 2015, 1.	1.6	11
110	First observation and measurement of the branching fraction for the decay $B_s^0 \rightarrow \bar{c} D_s^- \bar{c}^+ K^+$. Journal of High Energy Physics, 2015, 2015, 1.	1.6	7
111	Measurement of forward $Z \rightarrow e^+ e^-$ production at $\sqrt{s} = 8 \sqrt{s} = 8 \text{ TeV}$. Journal of High Energy Physics, 2015, 2015, 1.	1.6	33
112	Differential branching fraction and angular analysis of $B^0 \rightarrow \bar{c} \ell^+ \nu_\ell \ell^+ \ell^-$ decays. Journal of High Energy Physics, 2015, 2015, .	1.6	82
113	Measurement of the time-dependent CP asymmetries in $B_s^0 \rightarrow \bar{c} \ell^+ \nu_\ell K^+ S^0$. Journal of High Energy Physics, 2015, 2015, .	1.6	12
114	Search for the decay $B_s^0 \rightarrow \bar{c} \ell^+ \nu_\ell \ell^+ \ell^-$. Journal of High Energy Physics, 2015, 2015, 1.	1.6	17
115	Observation of the decay $B^0 \rightarrow \bar{c} \ell^+ \nu_\ell (2S) K^+ \ell^-$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 747, 484-494.	1.5	13
116	Angular analysis and differential branching fraction of the decay $B_s^0 \rightarrow \bar{c} \ell^+ \nu_\ell \ell^+ \ell^-$. Journal of High Energy Physics, 2015, 2015, 1.	1.6	191
117	Measurement of the inelastic pp cross-section at a centre-of-mass energy of $\sqrt{s} = 7 \text{ TeV}$. Journal of High Energy Physics, 2015, 2015, 1.	1.6	14
118	Angular analysis of the $B^0 \rightarrow \bar{c} K^0 e^+ e^-$ decay in the low- q^2 region. Journal of High Energy Physics, 2015, 2015, 1.	1.6	30
119	Determination of the branching fractions of $B^0 \rightarrow \bar{c} D_s^- K^+$ and $B^0 \rightarrow \bar{c} D_s^- K^+$. Journal of High Energy Physics, 2015, 2015, 1.	1.6	6
120	Observation of the $B^0 \rightarrow \bar{c} \ell^+ \nu_\ell$ decay from an amplitude analysis of $B^0 \rightarrow \bar{c} \ell^+ \nu_\ell (\bar{c} \ell^+ \nu_\ell)$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 747, 468-478.	1.5	14
121	Measurement of the branching fraction of the decay $B^0 \rightarrow \bar{c} \ell^+ \nu_\ell \ell^+ \ell^-$ using the $B^0 \rightarrow \bar{c} \ell^+ \nu_\ell \ell^+ \ell^-$ decay. Journal of High Energy Physics, 2015, 2015, 1.	1.5	29
122	Observation of Two New Resonances. Physical Review Letters, 2015, 114, 062004.	2.9	47
123	Measurement of the branching fraction of the decay $B^0 \rightarrow \bar{c} \ell^+ \nu_\ell \ell^+ \ell^-$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 742, 38-49.	1.5	31
124	Determination of the quark coupling strength $ V_{ub} $ using baryonic decays. Nature Physics, 2015, 11, 743-747.	6.5	105
125	Determination of $\hat{\Gamma}^3$ and charmless two-body decays of beauty mesons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 741, 1-11.	1.5	13
126	Study of the rare $B^0 \rightarrow \bar{c} \ell^+ \nu_\ell \ell^+ \ell^-$ and B^0 decays into the $\bar{c} \ell^+ \nu_\ell \ell^+ \ell^-$ final state. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 743, 46-55.	1.5	17

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127	Measurement of the Semileptonic $C \rightarrow P$ Asymmetry in $B \rightarrow 0$ Precision Measurement of $C \rightarrow P$ Violation in Measurement of $B \rightarrow S$ Measurement of $B \rightarrow K$ Physical Review Letters, 2015, 114, 041801.	2.9	32
128	Violation in $B \rightarrow S$ Measurement of $B \rightarrow K$ Physical Review Letters, 2015, 114, 041801.	2.9	65
129	Measurement of $B \rightarrow S$ Physical Review Letters, 2015, 114, 041801. in Proton-Proton Collisions at $\sqrt{s} = 8$ TeV Physical Review Letters, 2015, 114, 132001.	2.9	61
130	LHCb detector performance. International Journal of Modern Physics A, 2015, 30, 1530022.	0.5	604
131	Search for long-lived particles decaying to jet pairs. European Physical Journal C, 2015, 75, 152.	1.4	44
132	Search for CP violation in $B \rightarrow D$ Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 740, 158-167.	1.6	20
133	Study of $B \rightarrow 0$ $\hat{I} \hat{I}^2$ mixing from measurement of $B \rightarrow 0$ $\hat{I} \hat{I}^2$ decay rates. Journal of High Energy Physics, 2015, 2015, .	1.6	13
134	Measurement of the $Z+b$ -jet cross-section in pp collisions at $\sqrt{s} = 7$ TeV in the forward region. Journal of High Energy Physics, 2015, 2015, 1.	1.6	9
135	Search for the lepton flavour violating decay $\tilde{L}_i \rightarrow \hat{I} \hat{I}^2 + \hat{I}^2 \hat{I}$. Journal of High Energy Physics, 2015, 2015, .	1.6	32
136	Precise measurements of the properties of the $B_1(5721)0,+$ and $B_2^*(5747)0,+$ states and observation of $B_+, 0 \hat{I} \hat{I}^2, +$ mass structures. Journal of High Energy Physics, 2015, 2015, 1.	1.6	21
137	Measurement of indirect CP asymmetries in $D_0 \hat{I}^2 \hat{K}^+ K^+$ and $D_0 \hat{I}^2 \hat{I}^2 \hat{I}^2$ decays using semileptonic B decays. Journal of High Energy Physics, 2015, 2015, .	1.6	17
138	Observation of the rare $B_s0 \hat{I}^2 \hat{I}^2 \hat{I}^2$ decay from the combined analysis of CMS and LHCb data. Nature, 2015, 522, 68-72.	13.7	390
139	Identification of beauty and charm quark jets at LHCb. Journal of Instrumentation, 2015, 10, P06013-P06013.	0.5	42
140	Measurement of the $\hat{I}^2 c(1S)$ production cross-section in proton-proton collisions via		

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145	Measurement of CP asymmetries in the decays $B^0 \rightarrow K^* K^0$ and $B^+ \rightarrow K^* K^+$. Journal of High Energy Physics, 2014, 2014, .	1.6	26
146	SEARCHES FOR LARGE-SCALE ANISOTROPY IN THE ARRIVAL DIRECTIONS OF COSMIC RAYS DETECTED ABOVE ENERGY OF 10^{19} eV AT THE PIERRE AUGER OBSERVATORY AND THE TELESCOPE ARRAY. Astrophysical Journal, 2014, 794, 172.	1.6	72
147	A SEARCH FOR POINT SOURCES OF EeV PHOTONS. Astrophysical Journal, 2014, 789, 160.	1.6	29
148	Observation of $B_{s^0} \rightarrow K^* K^0$ and evidence for $B_{s^0} \rightarrow K^* K^0$ decays. New Journal of Physics, 2014, 16, 123001.	1.2	13
149	Measurement of CP violation and constraints on the CKM angle β in $B_{d,s}^0 \rightarrow K^* K^0$ decays. Nuclear Physics B, 2014, 888, 169-193.	0.9	27
150	Measurement of the $B_{d,s}^0 \rightarrow B^0$ and $B_{d,s}^0 \rightarrow B^+$ production asymmetries in pp collisions at $\sqrt{s}=7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 739, 218-228.	1.5	23
151	Reconstruction of inclined air showers detected with the Pierre Auger Observatory. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 019-019.	1.9	49
152	First Measurement of the Charge Asymmetry in Beauty-Quark Pair Production. Physical Review Letters, 2014, 113, 082003.	2.9	15
153	Violation in $B^0 \rightarrow K^* K^0$ decays. Physical Review Letters, 2014, 113, 082003.	2.9	27
154	Probing the radio emission from air showers with polarization measurements. Physical Review D, 2014, 89, .	1.6	85
155	First Observation of a Baryonic B_c^+ Decay. Physical Review Letters, 2014, 113, 152003.	2.9	28
156	Measurement of resonant and non-resonant components in $B^0 \rightarrow K^* K^0$ decays. Physical Review Letters, 2014, 113, 152003.	1.6	73
157	Search for Majorana Neutrinos in $B_{d,s}^0 \rightarrow K^* K^0$ Decays. Physical Review Letters, 2014, 112, 131802.	2.9	106
158	Measurement of the $B_{d,s}^0$ Meson Lifetime in $D_s \rightarrow B_{d,s}^0$ Decays. Physical Review Letters, 2014, 113, 172001.	2.9	14
159	Violation in the Phase Space of $B^0 \rightarrow K^* K^0$ decays. Physical Review Letters, 2014, 113, 082003.	2.9	78
160	Measurement of the resonant and non-resonant components in $B^0 \rightarrow K^* K^0$ decays. Physical Review Letters, 2014, 113, 082003.	1.6	67
161	Measurement of the $B_{d,s}^0$ Meson Lifetime in $D_s \rightarrow B_{d,s}^0$ Decays. Physical Review Letters, 2014, 113, 172001.	2.9	80
162	Measurement of the $B_{d,s}^0$ Meson Lifetime in $D_s \rightarrow B_{d,s}^0$ Decays. Physical Review Letters, 2014, 112, 111802.	2.9	17

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163	<p>Direct CP violation in $B \rightarrow K^* \pi$ decays. Physical Review Letters, 2014, 112, 041801.</p> <p>Measurement of the mass and lifetime of the Λ_b^0 baryon. Physical Review Letters, 2014, 113, 032001.</p>	1.6	99
164	<p>Linear least squares fit when both variables are affected by equal uncorrelated errors. American Journal of Physics, 2014, 82, 1178-1185.</p>	2.9	20
165	<p>LHCb Collaboration. Nuclear Physics A, 2014, 932, 621-626.</p>	2.9	36
166	<p>Test of Lepton Universality Using $B \rightarrow K^* \ell \ell$ Decays. Physical Review Letters, 2014, 113, 151601.</p>	0.3	1
167	<p>Precision Measurement of the Mass and Lifetime of the Λ_b^0 Baryon. Physical Review Letters, 2014, 113, 151601.</p>	0.6	1
168	<p>Measurement of the ratio of $B \rightarrow K^* \ell \ell$ branching fractions to $B \rightarrow K^* \ell \ell$. Physical Review D, 2014, 90, .</p>	2.9	845
169	<p>Measurement of the ratio of $B \rightarrow K^* \ell \ell$ branching fractions to $B \rightarrow K^* \ell \ell$. Physical Review D, 2014, 90, .</p>	2.9	39
170	<p>Measurement of the ratio of $B \rightarrow K^* \ell \ell$ branching fractions to $B \rightarrow K^* \ell \ell$. Physical Review D, 2014, 90, .</p>	1.6	18
171	<p>Study of Beauty Hadron Decays into Pairs of Charm Hadrons. Physical Review Letters, 2014, 112, .</p>	2.9	26
172	<p>Observation of $B^0 \rightarrow K^* \ell \ell$ Decays and Measurement of the $\theta_1(1285)$ Mixing Angle. Physical Review Letters, 2014, 112, 091802.</p>	2.9	24
173	<p>Measurement of the ratio of $B \rightarrow K^* \ell \ell$ branching fractions to $B \rightarrow K^* \ell \ell$. Physical Review D, 2014, 90, .</p>	1.6	31
174	<p>Muons in air showers at the Pierre Auger Observatory: Measurement of atmospheric production depth. Physical Review D, 2014, 90, .</p>	1.6	69
175	<p>Studies of beauty baryon decays to $B \rightarrow K^* \ell \ell$. Physical Review D, 2014, 90, .</p>	1.6	31
176	<p>Observation of charmonium pairs produced exclusively in pp collisions. Journal of Physics G: Nuclear and Particle Physics, 2014, 41, 115002.</p>	1.4	14
177	<p>Study of χ_{c1} \rightarrow b meson production in pp collisions at $\sqrt{s} = 7$ and 8 TeV. European Physical Journal C, 2014, 74, .</p>	1.4	43
178	<p>Search for CP violation using T-odd correlations in $D^0 \rightarrow K^+ K^- \ell^+ \ell^-$ decays. Journal of High Energy Physics, 2014, 2014, 1.</p>	1.6	21
179	<p>Search for CP violation in $D^0 \rightarrow K^+ K^- \ell^+ \ell^-$ and $D^0 \rightarrow K^+ K^- \ell^+ \ell^-$ decays. Journal of High Energy Physics, 2014, 2014, 1.</p>	1.6	13
180	<p>First observations of the rare decays $B \rightarrow K^* K^+ \ell^+ \ell^-$ and $B \rightarrow K^* K^+ \ell^+ \ell^-$. Journal of High Energy Physics, 2014, 2014, 1.</p>	1.6	9

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199	Measurement of polarization amplitudes and CP asymmetries in $B^0 \rightarrow \bar{K}^* (892) \ell^+ \ell^-$. Journal of High Energy Physics, 2014, 2014, 1.	1.6	13
200	Angular analysis of charged and neutral $B \rightarrow K^{1/2} + \bar{1/2} \ell^+ \ell^-$ decays. Journal of High Energy Physics, 2014, 2014, 1.	1.6	26
201	Evidence for the decay $\mathcal{B}(\mathcal{B}_{\text{c}}^+ \rightarrow \mathcal{B}_{\text{c}}^0 \ell^+ \ell^-)$. Journal of High Energy Physics, 2014, 2014, 1.	1.6	16
202	Differential branching fractions and isospin asymmetries of $B \rightarrow K^{*} (892) \ell^+ \ell^-$ decays. Journal of High Energy Physics, 2014, 2014, 1.	1.6	206
203	Measurement of CP asymmetry in $D^0 \rightarrow K^+ K^- \ell^+ \ell^-$ and $D^0 \rightarrow \bar{K}^0 \ell^+ \ell^-$ decays. Journal of High Energy Physics, 2014, 2014, 1.	1.6	52
204	Study of $\Upsilon(4S)$ production and cold nuclear matter effects in pPb collisions at $\sqrt{s_{\text{NN}}} = 5$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	1.6	33
205	Observation of the $\bar{B}^0 \rightarrow \bar{K}^* \ell^+ \ell^-$ decay. Journal of High Energy Physics, 2014, 2014, 1.	1.6	35
206	Observation of the $B_s^0 \rightarrow \bar{K}^* \ell^+ \ell^-$ decay. Journal of High Energy Physics, 2014, 2014, 1.	1.6	8
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634	Search for anomalous production of single photons at and 136 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 380, 471-479.	1.5	18
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638	Current achievements of the DELPHI ring imaging Cherenkov detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1996, 371, 12-15.	0.7	11
639	Charged kaon identification with the RICH in \bar{B}_d^0 decays. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1996, 371, 215-218.	0.7	0
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646	Study of prompt photon production in hadronic Z^0 decays. Zeitschrift für Physik C-Particles and Fields, 1995, 69, 1-13.	1.5	20
647	First evidence of hard scattering processes in single tagged $\bar{p}p$ collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 342, 402-416.	1.5	12
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654	Measurement of $\bar{B}_s^0 \rightarrow \tau^+ \tau^-$ production in hadronic Z decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 361, 207-220.	1.5	13
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669	Measurements of the lineshape of the Z0 and determination of electroweak parameters from its hadronic and leptonic decays. Nuclear Physics B, 1994, 417, 3-57.	0.9	24
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671	A measurement of the tau lifetime. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 302, 356-368.	1.5	17
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