

Eliseo Perez Trigo

List of Publications by Year in descending order

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Version: 2024-02-01

183
papers

9,437
citations

34105

52
h-index

46799

89
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183
all docs

183
docs citations

183
times ranked

7269
citing authors

#	ARTICLE	IF	CITATIONS
1	The HEV Ventilator: at the interface between particle physics and biomedical engineering. Royal Society Open Science, 2022, 9, 211519.	2.4	1
2	Bioelectronics-on-a-chip for cardio myoblast proliferation enhancement using electric field stimulation. Biomaterials Research, 2020, 24, 15.	6.9	5
3	Search for CP Violation in $D_s \rightarrow K^0 \pi^+ \pi^-$, $D \rightarrow K^0 \pi^+ \pi^-$, and $D \rightarrow K^0 \pi^+ \pi^0$ Decays. Physical Review Letters, 2019, 122, 191803.	7.8	9
4	Fabrication and characterization of a cell electrostimulator device combining physical vapor deposition and laser ablation. , 2017, , .		0
5	Characterisation of Medipix3 silicon detectors in a charged-particle beam. Journal of Instrumentation, 2016, 11, P01011-P01011.	1.2	4
6	Model-independent confirmation of the $B \rightarrow K^* \mu^+ \mu^-$ charmless two-body decays of beauty mesons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 92, .	5.0	15
7	Measurement of the track reconstruction efficiency at LHCb. Journal of Instrumentation, 2015, 10, P02007-P02007.	1.2	127
8	Determination of $\hat{\Gamma}^3$ and $\hat{\Gamma}^2$ in charmless two-body decays of beauty mesons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 741, 1-11.	4.1	18
9	Probing active-edge silicon sensors using a high precision telescope. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2015, 777, 110-117.	1.6	1
10	Laser Micromachining and Characterization of Metal-on-Glass High Density Pitch Adapters. Journal of Microelectromechanical Systems, 2015, 24, 1479-1486.	2.5	1
11	Measurement of $B \rightarrow K^* \mu^+ \mu^-$ violation parameters in charmless two-body decays of beauty mesons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 91, .	7.8	29
12	Measurements of $B \rightarrow K^* \mu^+ \mu^-$ violation parameters in charmless two-body decays of beauty mesons. Physical Review D, 2014, 91, .	4.7	14
13	Measurements of $B \rightarrow K^* \mu^+ \mu^-$ violation in the three-body phase space of charmless $B \rightarrow K^* \mu^+ \mu^-$ decays. Physical Review D, 2014, 90, .	4.7	65
14	Observation of $B_{s1} \rightarrow K^* \mu^+ \mu^-$ and evidence for $B_{s1} \rightarrow K^* \mu^+ \mu^-$ decays. New Journal of Physics, 2014, 16, 123001.	2.9	13
15	Measurement of CP violation and constraints on the CKM angle $\hat{\Gamma}^3$ in $B \rightarrow K^* \mu^+ \mu^-$ decays. Nuclear Physics B, 2014, 888, 169-193.	2.5	27
16	Measurement of the $B \rightarrow K^* \mu^+ \mu^-$ 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.	4.1	23
17	First Measurement of the Charge Asymmetry in Beauty-Quark Pair Production. Physical Review Letters, 2014, 113, 082003.	7.8	15
18	Evidence for $B \rightarrow K^* \mu^+ \mu^-$ violation in charmless two-body decays of beauty mesons. Physical Review D, 2014, 90, .	7.8	27

#	ARTICLE	IF	CITATIONS
19	First Observation of a Baryonic $B_c + \text{Decay}$. Physical Review Letters, 2014, 113, 152003.	7.8	28
20	Measurement of resonant and non-resonant components in B_c decays. Physical Review Letters, 2014, 113, 152003.	4.7	73
21	Search for Majorana Neutrinos in $B \rightarrow \tau \nu$ Decays. Physical Review Letters, 2014, 112, 131802.	7.8	106
22	Measurement of the B_s^0 Meson Lifetime in $D_s \rightarrow B_s^0$ Decays. Physical Review Letters, 2014, 113, 172001.	7.8	14
23	Measurement of the resonant and non-resonant components in B_c decays. Physical Review Letters, 2014, 113, 152003.	7.8	78
24	Measurement of the resonant and non-resonant components in B_c decays. Physical Review Letters, 2014, 113, 152003.	4.7	67
25	Measurement of the resonant and non-resonant components in B_c decays. Physical Review Letters, 2014, 113, 152003.	7.8	80
26	Measurement of the resonant and non-resonant components in B_c decays. Physical Review Letters, 2014, 113, 152003.	7.8	17
27	Measurements of Indirect CP Violation in B_c Decays. Physical Review Letters, 2014, 112, 041801.	4.7	99
28	Measurements of Indirect CP Violation in B_c Decays. Physical Review Letters, 2014, 112, 041801.	7.8	20
29	Precision Measurement of the Mass and Lifetime of the Λ_b^0 Baryon. Physical Review Letters, 2014, 113, 032001.	7.8	36
30	Test of Lepton Universality Using B_c Decays. Physical Review Letters, 2014, 113, 151601.	7.8	845
31	Violation of Lepton Universality in B_c Decays. Physical Review Letters, 2014, 113, 151601.	4.7	18
32	Study of Beauty Hadron Decays into Pairs of Charm Hadrons. Physical Review Letters, 2014, 112, .	7.8	26
33	Observation of $B_s^0 \rightarrow J/\psi f_1(1285)$ Decays and Measurement of the θ_{13} Mixing Angle. Physical Review Letters, 2014, 112, 091802.	7.8	24
34	Measurement of the ratio of B_c fractions to B decays. Physical Review Letters, 2014, 113, 151601.	4.7	31
35	Studies of beauty baryon decays to B_c decays. Physical Review Letters, 2014, 113, 151601.	4.7	31
36	Observation of charmonium pairs produced exclusively in pp collisions. Journal of Physics G: Nuclear and Particle Physics, 2014, 41, 115002.	3.6	14

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37	Study of χ_{c1} b meson production in pp collisions at $\sqrt{s} = 7$ and 8 TeV. European Physical Journal C, 2014, 74, .	3.9	43
38	Search for CP violation using T-odd correlations in $D^0 \rightarrow K^+ K^- \pi^+ \pi^-$ decays. Journal of High Energy Physics, 2014, 2014, 1.	4.7	21
39	Search for CP violation in $D^{\pm} \rightarrow K^0 K^{\pm} \pi^{\mp}$ and $D^{\pm} \rightarrow K^0 \pi^{\pm}$ decays. Journal of High Energy Physics, 2014, 2014, 1.	4.7	13
40	First observations of the rare decays $B^0 \rightarrow K^+ K^- \pi^+ \pi^-$ and $B^0 \rightarrow K^+ K^- \pi^0 \pi^0$. Journal of High Energy Physics, 2014, 2014, 1.	4.7	9
41	Measurement of the CKM angle β using $B^0 \rightarrow D^+ K^-$ with $D^0 \rightarrow K^+ K^- \pi^0$, $K^0 \rightarrow K^+ K^- \pi^0$ decays. Journal of High Energy Physics, 2014, 2014, 1.	4.7	22
42	Measurement of CP asymmetry in $B^0 \rightarrow D^+ K^-$ decays. Journal of High Energy Physics, 2014, 2014, 1.	4.7	14
43	Measurement of the forward W boson cross-section in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	4.7	24
44	Study of forward Z + jet production in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	4.7	25
45	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.	4.7	74
46	Measurement of the $B^0 \rightarrow D^+ K^-$ decay. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 736, 154-162.	4.1	13
47	Evidence for the decay $B^0 \rightarrow D^+ K^-$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 736, 154-162.	4.1	40
48	Searches for Λ_b^0 and Ξ_b^0 decays to $K_{\text{S}}^0 \pi^0$ and $K_{\text{S}}^0 \pi^+ \pi^-$ final states with first observation of the $\Lambda_b^0 \rightarrow K_{\text{S}}^0 \pi^0$ decay. Journal of High Energy Physics, 2014, 2014, 1.	2.5	114
49	Searches for Λ_b^0 and Ξ_b^0 decays to $K_{\text{S}}^0 \pi^0$ and $K_{\text{S}}^0 \pi^+ \pi^-$ final states with first observation of the $\Lambda_b^0 \rightarrow K_{\text{S}}^0 \pi^0$ decay. Journal of High Energy Physics, 2014, 2014, 1.	4.7	25
50	Measurement of polarization amplitudes and CP asymmetries in $B^0 \rightarrow K^+ K^- \pi^0$. Journal of High Energy Physics, 2014, 2014, 1.	4.7	13
51	Angular analysis of charged and neutral $B^0 \rightarrow K^+ K^- \pi^0$ decays. Journal of High Energy Physics, 2014, 2014, 1.	4.7	26
52	Evidence for the decay $B^0 \rightarrow D^+ K^-$. Journal of High Energy Physics, 2014, 2014, 1.	4.7	16
53	Observation of the $B^0 \rightarrow D^+ K^-$ decay. Journal of High Energy Physics, 2014, 2014, 1.	4.7	8
54	Study of the kinematic dependences of χ_{c1} b 0 production in pp collisions and a measurement of the χ_{c1} b 0 branching fraction. Journal of High Energy Physics, 2014, 2014, 1.	4.7	39

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55	Observation of Z production in proton-lead collisions at LHCb. Journal of High Energy Physics, 2014, 2014, 1.	4.7	24
56	Measurement of $\psi(2S)$ $\Upsilon(2S)$ polarisation in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2014, 74, 2872.	3.9	53
57	Observation of the Resonant Character of the $Z \rightarrow b\bar{b}$ Transition. Physical Review Letters, 2014, 112, 016101.	7.8	325
58	Observation of Photon Polarization in the $Z \rightarrow b\bar{b}$ Transition. Physical Review Letters, 2014, 112, 016101.	7.8	46
59	Fabrication of high-density pitch adapters by laser ablation. , 2014, , .	4.1	50
60	Differential branching fraction and angular analysis of the decay $B_s^0 \rightarrow \hat{\pi}^+ \hat{\pi}^- \pi^0$. Journal of High Energy Physics, 2013, 2013, 1.	4.7	103
61	Precision measurement of D meson mass differences. Journal of High Energy Physics, 2013, 2013, .	4.7	65
62	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.	4.7	89
63	Measurement of the cross-section for $Z \rightarrow e^+e^-$ production in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	4.7	53
64	Search for $D \rightarrow K^+ K^- \pi^0$ decays. Journal of High Energy Physics, 2013, 2013, 1.	4.7	53
65	Model-independent search for CP violation in $D \rightarrow K^+ K^- \pi^0$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 724, 203-212.	4.1	22
66	Branching fraction and CP asymmetry of the decays $B \rightarrow K^+ K^- \pi^0$ and $B \rightarrow K^+ K^- \pi^0$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 726, 623-633.	4.1	13
67	Branching fraction and CP asymmetry of the decays $B \rightarrow K^+ K^- \pi^0$ and $B \rightarrow K^+ K^- \pi^0$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 726, 623-633.	4.1	12
68	Study of $B_{(s)}^0 \rightarrow K_{(s)}^+ K_{(s)}^- \pi^0$ decays with first observation of $B_{(s)}^0 \rightarrow K_{(s)}^+ K_{(s)}^- \pi^0$ and $B_{(s)}^0 \rightarrow K_{(s)}^+ K_{(s)}^- \pi^0$. Journal of High Energy Physics, 2013, 2013, .	4.7	14
69	Measurement of the relative rate of prompt c_0 , c_1 and c_2 production at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	4.7	36
70	First evidence for the two-body charmless baryonic decay $B^0 \rightarrow p \bar{p}$. Journal of High Energy Physics, 2013, 2013, .	4.7	10
71	Search for the doubly charmed baryon Ξ_{cc}^{++} . Journal of High Energy Physics, 2013, 2013, 1.	4.7	50

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73	Observation of the decay $B_c^+ \rightarrow J/\psi K + K^{\bar{0}}$. Journal of High Energy Physics, 2013, 2013, 1.	4.7	25
74	First observation of the decay $B_s^0 \rightarrow \phi \overline{K}^{*0}$. Journal of High Energy Physics, 2013, 2013, 1.	4.7	9
75	Fabrication of Metal-on-Glass High-Pitch Adapters Between VLSI Electronics and Semiconductor Sensors by Laser Ablation. Journal of Lightwave Technology, 2013, 31, 2327-2331.	4.6	4
76	First Evidence for the Decay $B_c^+ \rightarrow J/\psi K + K^{\bar{0}}$. Physical Review Letters, 2013, 110, 021801.	7.8	292
77	First Observation of $B_c^+ \rightarrow J/\psi K + K^{\bar{0}}$ Violation in the Decays of B_c^+ . Physical Review Letters, 2013, 110, 221601.	7.8	105
78	Search for the rare decay $K_S^0 \rightarrow \mu^+ \mu^-$. Journal of High Energy Physics, 2013, 2013, 1.	4.7	13
79	Measurement of the ratio of branching fractions $R_{B_c} = \frac{\mathcal{B}(B_c^+ \rightarrow J/\psi K^{\bar{0}})}{\mathcal{B}(B_c^+ \rightarrow J/\psi K^+)}$. Journal of High Energy Physics, 2013, 2013, 1.	2.5	48
80	Measurement of the effective α_s in $B \rightarrow K^* \mu^+ \mu^-$. Nuclear Physics B, 2013, 871, 1-20.	2.5	228
81	Prompt charm production in $p\bar{p}$ collisions at $\sqrt{s} = 1.8$ TeV. Nuclear Physics B, 2013, 871, 1-20.	2.5	228
82	Observation of the suppressed ADS modes $B_c^+ \rightarrow J/\psi K^{\bar{0}}$ and $B_c^+ \rightarrow J/\psi K^+$. Journal of High Energy Physics, 2013, 2013, 1.	4.1	16
83	Measurements of the $B_c^+ \rightarrow J/\psi K^{\bar{0}}$ and $B_c^+ \rightarrow J/\psi K^+$ branching fractions. Journal of High Energy Physics, 2013, 2013, 1.	4.1	16
84	Measurements of the $B_c^+ \rightarrow J/\psi K^{\bar{0}}$ and $B_c^+ \rightarrow J/\psi K^+$ branching fractions. Journal of High Energy Physics, 2013, 2013, 1.	4.1	16
85	Search for the rare decay $B_c^+ \rightarrow J/\psi K^{\bar{0}}$. Journal of High Energy Physics, 2013, 2013, 1.	4.1	33
86	Evidence for the decay $B_c^+ \rightarrow J/\psi K^{\bar{0}}$. Journal of High Energy Physics, 2013, 2013, 1.	4.1	33
87	Search for the rare decay $B_c^+ \rightarrow J/\psi K^{\bar{0}}$. Journal of High Energy Physics, 2013, 2013, 1.	4.1	33
88	Observation of the decay $B_c^+ \rightarrow J/\psi K^{\bar{0}}$. Journal of High Energy Physics, 2013, 2013, 1.	2.5	35
89	The Timepix Telescope for high performance particle tracking. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 254, 1-10.	1.6	24
90	Observation of $B_c^+ \rightarrow J/\psi K^{\bar{0}}$. Journal of High Energy Physics, 2013, 2013, 1.	2.5	17

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91	Observation of $D^0 \rightarrow \pi^+ \pi^- \pi^0$ oscillation. Physical Review Letters, 2013, 111, 102003.	7.8	65
92	Measurement of the $B^0 \rightarrow \pi^+ \pi^- \pi^0$ decay. Physical Review Letters, 2013, 111, 102003.	2.5	24
93	Measurement of the $B^0 \rightarrow \pi^+ \pi^- \pi^0$ decay. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 718, 902-909.	4.1	28
94	Precision measurement of the $B^0 \rightarrow \pi^+ \pi^- \pi^0$ oscillation frequency with the decay $B^0 \rightarrow \pi^+ \pi^- \pi^0$. New Journal of Physics, 2013, 15, 053021.	2.9	59
95	Search for the Lepton-Flavor-Violating Decays $B_s^0 \rightarrow \tau^+ e^- \mu^+$ and $B^0 \rightarrow \tau^+ e^- \mu^+$. Physical Review Letters, 2013, 111, 141801.	7.8	135
96	Precision Measurement of the $B^0 \rightarrow \pi^+ \pi^- \pi^0$ Lifetime. Physical Review Letters, 2013, 111, 102003.	7.8	82
97	Measurement of $B^0 \rightarrow \pi^+ \pi^- \pi^0$ violation and the $B^0 \rightarrow \pi^+ \pi^- \pi^0$ meson-meson difference with $B^0 \rightarrow \pi^+ \pi^- \pi^0$. Physical Review Letters, 2013, 111, 102003.	4.7	74
98	Measurement of $B^0 \rightarrow \pi^+ \pi^- \pi^0$ violation and the $B^0 \rightarrow \pi^+ \pi^- \pi^0$ meson-meson difference with $B^0 \rightarrow \pi^+ \pi^- \pi^0$. Physical Review Letters, 2013, 111, 102003.	4.7	74
99	First observations of $B^0 \rightarrow D^+ D^-$, $D_s^+ D_s^-$ and $D^0 D^0$ decays. Physical Review D, 2013, 87, .	4.7	22
100	Measurement of the $B^0 \rightarrow \pi^+ \pi^- \pi^0$ violation and the $B^0 \rightarrow \pi^+ \pi^- \pi^0$ meson-meson difference with $B^0 \rightarrow \pi^+ \pi^- \pi^0$. Physical Review Letters, 2013, 111, 102003.	7.8	82
101	Measurement of the $B^0 \rightarrow \pi^+ \pi^- \pi^0$ violation and the $B^0 \rightarrow \pi^+ \pi^- \pi^0$ meson-meson difference with $B^0 \rightarrow \pi^+ \pi^- \pi^0$. Physical Review Letters, 2013, 111, 102003.	7.8	13
102	Measurement of the $B^0 \rightarrow \pi^+ \pi^- \pi^0$ violation and the $B^0 \rightarrow \pi^+ \pi^- \pi^0$ meson-meson difference with $B^0 \rightarrow \pi^+ \pi^- \pi^0$. Physical Review Letters, 2013, 111, 102003.	7.8	19
103	Measurement of the $B^0 \rightarrow \pi^+ \pi^- \pi^0$ violation and the $B^0 \rightarrow \pi^+ \pi^- \pi^0$ meson-meson difference with $B^0 \rightarrow \pi^+ \pi^- \pi^0$. Physical Review Letters, 2013, 111, 102003.	2.5	24
104	Measurement of the branching fractions of the decays $B_s^0 \rightarrow D^+ K^- \bar{K}^0$ and $B^0 \rightarrow D^+ K^- \bar{K}^0$. Physical Review D, 2013, 87, .	4.7	19
105	Analysis of the resonant components in $B^0 \rightarrow \pi^+ \pi^- \pi^0$. Physical Review Letters, 2013, 111, 181801.	4.7	7
106	Observation of the $B^0 \rightarrow \pi^+ \pi^- \pi^0$ decay. Physical Review Letters, 2013, 111, 181801.	7.8	72
107	Search for the decay $B_s^0 \rightarrow D^+ \bar{K}^0 \bar{K}^0$. Physical Review D, 2013, 87, .	4.7	7
108	Measurement of the polarization amplitudes in $B^0 \rightarrow \pi^+ \pi^- \pi^0$. Physical Review Letters, 2013, 111, 181801.	4.7	17

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109	Measurement of C and P Violation in the Phase Space of $B \rightarrow \hat{A}^+ c$ Decays. Physical Review Letters, 2013, 111, 112003.	7.8	101
110	Observation of the decay $B \rightarrow \hat{A}^+ c$ and search for $B \rightarrow \hat{A}^+ K$. Physical Review Letters, 2013, 111, 112003.	4.7	36
111	Measurement of Form-Factor-Independent Observables in the Decay $B \rightarrow \hat{A}^+ c$. Physical Review D, 2013, 87, .	7.8	45
112	Observation of $B \rightarrow \hat{A}^+ c$ and search for $B \rightarrow \hat{A}^+ K$. Physical Review Letters, 2013, 111, 112003.	4.7	55
113	Study of $B \rightarrow \hat{A}^+ D^* \bar{a} \bar{f} \bar{c} \bar{f} \bar{c} + \text{and } B \rightarrow \hat{A}^+ D^* \bar{a} \bar{K} \bar{f} \bar{c} \bar{f} \bar{c} + \text{decays}$. Physical Review D, 2013, 87, .	4.7	11
114	Measurement of the C and P Asymmetry in $B \rightarrow \hat{A}^+ c$ Decays. Physical Review Letters, 2013, 110, 031801.	7.8	22
115	Studies of the decays $B \rightarrow \hat{A}^+ p \bar{h}$ and observation of $B \rightarrow \hat{A}^+ \bar{h} (1520) p$. Physical Review D, 2013, 88, .	4.7	12
116	Observation of a Resonance in $B \rightarrow \hat{A}^+ c$ at Low Recoil. Physical Review Letters, 2013, 111, 112003.	7.8	45
117	First Observation of the Decay $B \rightarrow \hat{A}^+ c$. Physical Review Letters, 2013, 110, 151803.	4.7	36
118	First observation of $B \rightarrow \hat{A}^+ c$. Physical Review Letters, 2013, 110, 151803.	4.7	36
119	Measurement of the $B \rightarrow \hat{A}^+ c$ Fraction and Search for $B \rightarrow \hat{A}^+ K$. Physical Review Letters, 2013, 110, 151803.	4.7	20
120	Fraction and Search for $B \rightarrow \hat{A}^+ c$. Physical Review Letters, 2013, 110, 151803.	7.8	258
121	Measurement of the $B \rightarrow \hat{A}^+ c$ Lifetime in the $B \rightarrow \hat{A}^+ c$ Decay. Physical Review Letters, 2012, 108, 251802.	7.8	21
122	First Observation of the Decay $B \rightarrow \hat{A}^+ c$. Physical Review Letters, 2012, 108, 251802.	7.8	21
123	Differential Branching Fraction and Angular Analysis of the Decay $B \rightarrow \hat{A}^+ K^* \bar{O} \bar{f} \bar{c} \bar{f} \bar{c}$. Physical Review Letters, 2012, 108, 181806.	7.8	50
124	Measurement of the $B \rightarrow \hat{A}^+ c$ Lifetime in the $B \rightarrow \hat{A}^+ c$ Decay. Physical Review Letters, 2012, 108, 251802.	7.8	21

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145	Evidence for CP Violation in Time-Integrated Rates. <i>Physical Review Letters</i> , 2012, 108, 111602.	7.8	181
146	Measurements of the branching fractions and CP asymmetries of $B^{\pm} \rightarrow \bar{D}^0 \pi^{\pm}$ and $B^{\pm} \rightarrow \bar{D}^0 \pi^{\pm} (2S)$ decays. <i>Physical Review D</i> , 2012, 85, .	4.7	20
147	First Evidence of Direct CP Violation in Charmless Two-Body Decays of B^0 . <i>Physical Review Letters</i> , 2012, 108, 111801.	7.8	49
148	Measurement of the ratio of branching fractions R_{D^*} . <i>Physical Review Letters</i> , 2012, 108, 111802.		

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163	Measurement of the CP violating phase $\arg(V_{cb}V_{cs}^*)$ in $B \rightarrow D^* \ell \bar{\nu}_\ell$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 708, 55-67.	4.1	34
164	Measurement of b-hadron masses. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 708, 241-248.	4.1	58
166	First observation of the decay $B \rightarrow D^* \ell \bar{\nu}_\ell$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 709, 1-6.	4.1	27
167	Observation of CP violation in $B \rightarrow D^* \ell \bar{\nu}_\ell$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 709, 1-6.	4.1	47
168	Observation of the decay $B \rightarrow D^* \ell \bar{\nu}_\ell$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 712, 203-212.	4.1	75
169	Performance results of the LHCb Silicon Tracker detector at the LHC. , 2012, ,		0
170	Search for C violation in $B \rightarrow D^* \ell \bar{\nu}_\ell$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 712, 203-212.	4.7	20
171	First observation of the decay $B \rightarrow D^* \ell \bar{\nu}_\ell$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 698, 115-122.	4.1	20
172	First operational experience from the LHCb Silicon Tracker. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 698, 330-340.	4.1	15
173	First observation of $B \rightarrow D^* \ell \bar{\nu}_\ell$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 698, 115-122.	1.6	0
174	Determination of the CP violating phase $\arg(V_{cb}V_{cs}^*)$ in $B \rightarrow D^* \ell \bar{\nu}_\ell$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 699, 330-340.	4.1	29
175	Search for the rare decays $B \rightarrow D^* \ell \bar{\nu}_\ell$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 698, 115-122.	4.1	60
176	Determination of the CP violating phase $\arg(V_{cb}V_{cs}^*)$ in $B \rightarrow D^* \ell \bar{\nu}_\ell$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 699, 330-340.	4.1	29
177	Determination of the CP violating phase $\arg(V_{cb}V_{cs}^*)$ in $B \rightarrow D^* \ell \bar{\nu}_\ell$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 699, 330-340.	7.8	28
178	Performance of the LHCb Silicon Tracker in p - p collisions at the LHC. , 2011, ,		0
179	Prompt $B \rightarrow D^* \ell \bar{\nu}_\ell$ production in pp collisions at $\sqrt{s} = 7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 107, 21	4.1	26
180	Performance of the LHCb Silicon Tracker in p - p collisions at the LHC. , 2011, ,		0

