

# Andrea Contu

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

578  
papers

17,027  
citations

61  
h-index

104  
g-index

613  
ext. papers

21,026  
ext. citations

5.4  
avg, IF

3.22  
L-index

#	Paper	IF	Citations
578	Measurement of the $B_{s0}$ decay properties and search for the $B_{0}$ and $B_{s0}$ decays. <i>Physical Review D</i> , <b>2022</b> , 105,	4.9	1
577	Study of $\{B\}_{\{C\}}^{+}$ decays to charmonia and three light hadrons. <i>Journal of High Energy Physics</i> , <b>2022</b> , 2022, 1	5.4	
576	Precise determination of the $B_{\{s\}}^{0}$ oscillation frequency. <i>Nature Physics</i> , <b>2022</b> , 18, 1-5	16.2	0
575	Analysis of Neutral B-Meson Decays into Two Muons.. <i>Physical Review Letters</i> , <b>2022</b> , 128, 041801	7.4	2
574	Measurement of $\Xi(3872)$ production in proton-proton collisions at $\sqrt{s} = 8$ and 13 TeV. <i>Journal of High Energy Physics</i> , <b>2022</b> , 2022, 1	5.4	0
573	Evidence for a New Structure in the $J/\psi$ and $J/\psi[\overline{\psi}\psi]$ Systems in $B_{\{s\}}^{0} \rightarrow \psi/\overline{\psi} p[\overline{\psi}\psi]$ Decays.. <i>Physical Review Letters</i> , <b>2022</b> , 128, 062001	7.4	0
572	Identification of charm jets at LHCb. <i>Journal of Instrumentation</i> , <b>2022</b> , 17, P02028	1	0
571	Study of Z Bosons Produced in Association with Charm in the Forward Region.. <i>Physical Review Letters</i> , <b>2022</b> , 128, 082001	7.4	0
570	Observation of $\{\Lambda\}_b^0 \rightarrow \overline{D}^+ p$ and $\{\Lambda\}_b^0 \rightarrow \overline{D}^{*+} p$ decays. <i>Journal of High Energy Physics</i> , <b>2022</b> , 2022, 1	5.4	
569	Measurement of the Nuclear Modification Factor and Prompt Charged Particle Production in p-Pb and pp Collisions at $\sqrt{s_{NN}}=5$ TeV.. <i>Physical Review Letters</i> , <b>2022</b> , 128, 142004	7.4	0
568	Observation of Two New Excited $\Xi_b^{\{0\}}$ States Decaying to $\Xi_b^{\{0\}} K^{\{-\}} \overline{D}^{\{+\}}$ .. <i>Physical Review Letters</i> , <b>2022</b> , 128, 162001	7.4	0
567	Search for the decay $B_{0} \rightarrow \overline{D}^+ \overline{D}^0$ <i>Journal of High Energy Physics</i> , <b>2022</b> , 2022, 1	5.4	0
566	Centrality determination in heavy-ion collisions with the LHCb detector. <i>Journal of Instrumentation</i> , <b>2022</b> , 17, P05009	1	0
565	Angular analysis of the rare decay $(\{B\}_s^0) \rightarrow \overline{D}^+ \overline{D}^0$ <i>Journal of High Energy Physics</i> , <b>2021</b> , 2021, 1	5.4	1
564	First measurement of the (CP)-violating phase in $(\{B\}_s^0 \rightarrow \{J/\psi\} \{0\}) \rightarrow (e^+ e^-)(\phi)$ decays. <i>European Physical Journal C</i> , <b>2021</b> , 81, 1	4.2	0
563	Branching Fraction Measurements of the Rare $B_{\{s\}}^{\{0\}} \rightarrow \overline{D}^{\{+\}} \overline{D}^{\{-\}}$ and $B_{\{s\}}^{\{0\}} \rightarrow \overline{D}_2^{\{+\}} \overline{D}^{\{-\}}$ Decays. <i>Physical Review Letters</i> , <b>2021</b> , 127, 151801	7.4	5
562	Observation of a New Excited $D_{\{s\}}^{\{+\}}$ Meson in $B^{\{0\}} \rightarrow \overline{D}^{\{-\}} D^{\{+\}} K^{\{+\}} \overline{D}^{\{-\}}$ Decays. <i>Physical Review Letters</i> , <b>2021</b> , 126, 122002	7.4	3

561	Observation of Multiplicity Dependent Prompt $\chi_{c1}$ (3872) and $\chi_{c2}$ Production in pp Collisions. <i>Physical Review Letters</i> , <b>2021</b> , 126, 092001	7.4	4
560	Observation of the $(B_{s^0} - D^{*0})$ decay. <i>Journal of High Energy Physics</i> , <b>2021</b> , 2021, 1	5.4	2
559	Search for heavy neutral leptons in $(W^+ \rightarrow \mu^+ \mu^{\pm} \text{jet})$ decays. <i>European Physical Journal C</i> , <b>2021</b> , 81, 1	4.2	3
558	Measurement of CP Violation in the Decay $B^{+} \rightarrow K^{*0} \pi^0$ . <i>Physical Review Letters</i> , <b>2021</b> , 126, 091802	7.4	1
557	Observation of CP violation in two-body $(B_{(s)}^0 \rightarrow \pi^+ \pi^-)$ -meson decays to charged pions and kaons. <i>Journal of High Energy Physics</i> , <b>2021</b> , 2021, 1	5.4	1
556	Measurement of CP observables in $B_{(s)}^0 \rightarrow D^{*0} K^0$ and $B_{(s)}^0 \rightarrow D^{*0} \pi^0$ decays using two-body D final states. <i>Journal of High Energy Physics</i> , <b>2021</b> , 2021, 1	5.4	2
555	Search for the rare decay $B^0 \rightarrow J/\psi \pi^0$ . <i>Chinese Physics C</i> , <b>2021</b> , 45, 043001	2.2	1
554	Angular Analysis of the $B^{+} \rightarrow K^{*+} \pi^+ \pi^-$ Decay. <i>Physical Review Letters</i> , <b>2021</b> , 126, 161802	7.4	14
553	Observation of the $B^0 \rightarrow K^+ K^-$ decay. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2021</b> , 815, 136172	4.2	0
552	Observation of the decay $(\Lambda_{b}^0 \rightarrow p \pi^-)$ . <i>Journal of High Energy Physics</i> , <b>2021</b> , 2021, 1	5.4	0
551	Observation of a new $B^0$ state. <i>Physical Review D</i> , <b>2021</b> , 103,	4.9	4
550	Study of $(B_{(s)}^0 \rightarrow J/\psi K^+ K^-)$ decays. <i>Journal of High Energy Physics</i> , <b>2021</b> , 2021, 1	5.4	2
549	First Observation of the Decay $B_{(s)}^0 \rightarrow K^{*+} \pi^0 \pi^0$ and a Measurement of $ V_{ub} / V_{cb} $ . <i>Physical Review Letters</i> , <b>2021</b> , 126, 081804	7.4	7
548	Measurement of differential $(\overline{b})$ - and $(\overline{c})$ -dijet cross-sections in the forward region of pp collisions at $(\sqrt{s}) = 13$ TeV. <i>Journal of High Energy Physics</i> , <b>2021</b> , 2021, 1	5.4	1
547	Measurement of the CKM angle $\beta_n$ in $B_{(s)}^0 \rightarrow D K^0$ and $B_{(s)}^0 \rightarrow D \pi^0$ decays with $D \rightarrow (K_{(S)}^0 \pi^0)$ . <i>Journal of High Energy Physics</i> , <b>2021</b> , 2021, 1	5.4	0
546	Search for long-lived particles decaying to $(e^{\pm} \mu^{\pm})$ or $(\mu^{\pm} \nu)$ . <i>European Physical Journal C</i> , <b>2021</b> , 81, 1	4.2	3
545	Observation of new excited $B_{(s)}^0$ states. <i>European Physical Journal C</i> , <b>2021</b> , 81,	4.2	2
544	Precise measurement of the $f_s/f_d$ ratio of fragmentation fractions and of $B_{(s)}^0$ decay branching fractions. <i>Physical Review D</i> , <b>2021</b> , 104,	4.9	6

543	Observation of New Resonances Decaying to $J/\psi^+$ and $J/\psi$ . <i>Physical Review Letters</i> , <b>2021</b> , 127, 082001	7.4	11
542	Search for the doubly charmed baryon $\Xi_{cc}$ . <i>Science China: Physics, Mechanics and Astronomy</i> , <b>2021</b> , 64, 1	3.6	0
541	Search for CP violation in $B\bar{B}K\bar{K}$ decays. <i>Physical Review D</i> , <b>2021</b> , 104,	4.9	2
540	Search for the doubly heavy baryons $\Xi_{cc}$ and $\Xi_{bb}$ decaying to $\Lambda_c^+$ and $\Lambda_b^0$ . <i>Chinese Physics C</i> , <b>2021</b> , 45, 093002	2.2	3
539	Observation of the Mass Difference between Neutral Charm-Meson Eigenstates. <i>Physical Review Letters</i> , <b>2021</b> , 127, 111801	7.4	0
538	Search for the doubly charmed baryon $\Xi_{cc}^+$ in the $\Xi_{cc}^+\pi^-\pi^+$ final state. <i>Journal of High Energy Physics</i> , <b>2021</b> , 2021, 1	5.4	0
537	Updated search for $B_c^+$ decays to two charm mesons. <i>Journal of High Energy Physics</i> , <b>2021</b> , 2021, 1	5.4	
536	Study of the lineshape of the $\bar{B}_1(3872)$ state. <i>Physical Review D</i> , <b>2020</b> , 102,	4.9	18
535	Amplitude analysis of the $B^+\bar{D}^0K^+$ decay. <i>Physical Review D</i> , <b>2020</b> , 102,	4.9	34
534	Constraints on the $K_{S^0}\pi^+\pi^-$ Branching Fraction. <i>Physical Review Letters</i> , <b>2020</b> , 125, 231801	7.4	1
533	Model-Independent Study of Structure in $B^+\bar{D}^0D^+K^+$ Decays. <i>Physical Review Letters</i> , <b>2020</b> , 125, 242001	7.4	25
532	Search for the Rare Decays $B_{s^0}\bar{E}^+e^-$ and $B^0\bar{E}^+e^-$ . <i>Physical Review Letters</i> , <b>2020</b> , 124, 211802	7.4	4
531	Measurement of the branching fraction of the decay $B_{s^0}\bar{K}^0K^0$ . <i>Physical Review D</i> , <b>2020</b> , 102,	4.9	1
530	First observation of the decay $B^0\bar{D}^0\pi^+K^0$ . <i>Physical Review D</i> , <b>2020</b> , 102,	4.9	1
529	First branching fraction measurement of the suppressed decay $\bar{B}^0\bar{B}^+$ . <i>Physical Review D</i> , <b>2020</b> , 102,	4.9	3
528	Test of lepton universality with $(\Lambda_b^0 \rightarrow pK^-\ell^+\ell^-)$ decays. <i>Journal of High Energy Physics</i> , <b>2020</b> , 2020, 1	5.4	12
527	Observation of New $\Xi_{cc}^0$ Baryons Decaying to $\Xi_{cc}^+K^-$ . <i>Physical Review Letters</i> , <b>2020</b> , 124, 222001	7.4	10
526	First Observation of Excited $\Xi_{bb}^0$ States. <i>Physical Review Letters</i> , <b>2020</b> , 124, 082002	7.4	18

525	Measurement of the $(\{\Lambda\}_b^0)$ - $f_1/\Delta$ angular distribution and the $(\{\Lambda\}_b^0)$ polarisation in pp collisions. <i>Journal of High Energy Physics</i> , <b>2020</b> , 2020, 1	5.4	2
524	Measurement of CP-Averaged Observables in the $B^0 \rightarrow K^{*0} \pi^+ \pi^-$ Decay. <i>Physical Review Letters</i> , <b>2020</b> , 125, 011802	7.4	46
523	Measurement of CP observables in $B_{\text{c}}^0 \rightarrow D K_{\text{c}}^0$ and $B_{\text{c}}^0 \rightarrow D \pi^0$ with $D \rightarrow \{K_{\text{S}}^0\} \{K^{\pm} \pi^{\mp}\}$ decays. <i>Journal of High Energy Physics</i> , <b>2020</b> , 2020, 1	5.4	2
522	Precision measurement of the $(\{\chi\}_{\text{cc}}^{\pm\pm})$ mass. <i>Journal of High Energy Physics</i> , <b>2020</b> , 2020, 1	5.4	11
521	Measurement of $\{\{\chi\}_{\text{cc}}^{\pm\pm}\}$ production in pp collisions at $\sqrt{s}=13$ TeV. <i>Chinese Physics C</i> , <b>2020</b> , 44, 022001	2.2	4
520	Determination of quantum numbers for several excited charmed mesons observed in $B_{\text{c}}^{*+} \rightarrow$ decays. <i>Physical Review D</i> , <b>2020</b> , 101,	4.9	8
519	Amplitude analysis of the $B^+ \rightarrow \pi^0 \pi^0$ decay. <i>Physical Review D</i> , <b>2020</b> , 101,	4.9	19
518	Observation of Several Sources of CP Violation in $B^+ \rightarrow \pi^+ \pi^0 \pi^0$ Decays. <i>Physical Review Letters</i> , <b>2020</b> , 124, 031801	7.4	18
517	Measurement of $\{\psi(2S)\}$ production cross-sections in proton-proton collisions at $\sqrt{s}=7$ and $13 \text{ TeV}$ . <i>European Physical Journal C</i> , <b>2020</b> , 80,	4.2	4
516	Measurement of $ V_{\text{cb}} $ with $B_{\text{s}}^0 \rightarrow D_{\text{s}}^{*0} \pi^0$ decays. <i>Physical Review D</i> , <b>2020</b> , 101,	4.9	6
515	Measurement of the relative branching fractions of $B^+ \rightarrow \bar{h} h^? \pi^0$ decays. <i>Physical Review D</i> , <b>2020</b> , 102,	4.9	1
514	Measurement of the $(\{\eta_{\text{c}}\} (1S))$ production cross-section in (p) (p) collisions at $(\sqrt{s} = 13)$ (, $\text{TeV}$ ). <i>European Physical Journal C</i> , <b>2020</b> , 80, 1	4.2	9
513	Search for CP violation in $(\{\{\chi\}^+_{\text{c}}\} \rightarrow \{p\} \{K^+ \pi^+\})$ decays using model-independent techniques. <i>European Physical Journal C</i> , <b>2020</b> , 80, 1	4.2	7
512	Observation of the semileptonic decay $\{B^+\} \rightarrow \overline{p} \{\mu^+\} \{\nu_{\mu}\}$ . <i>Journal of High Energy Physics</i> , <b>2020</b> , 2020,	5.4	1
511	Measurement of CP violation in $B^0 \rightarrow \pi^0 \pi^0$ decays. <i>Journal of High Energy Physics</i> , <b>2020</b> , 2020, 1	5.4	0
510	Measurement of the shape of the $(\{B^0 \rightarrow D^0 \mu^+ \nu_{\mu}\})$ differential decay rate. <i>Journal of High Energy Physics</i> , <b>2020</b> , 2020, 1	5.4	1
509	Search for the lepton flavour violating decay $B^+ \rightarrow K^+ \mu^+ \mu^-$ using $(\{B_{\text{s}}^0\})$ decays. <i>Journal of High Energy Physics</i> , <b>2020</b> , 2020, 1	5.4	8
508	Observation of a new baryon state in the $(\{\Lambda_{\text{b}}^0\} \{p\} \{p\})$ mass spectrum. <i>Journal of High Energy Physics</i> , <b>2020</b> , 2020, 1	5.4	7

507	Searches for low-mass dimuon resonances. <i>Journal of High Energy Physics</i> , <b>2020</b> , 2020, 1	5.4	10
506	Search for the doubly heavy ( $\{\Xi\}_{bc}^0$ ) baryon via decays to $D_0 p K$ . <i>Journal of High Energy Physics</i> , <b>2020</b> , 2020, 1	5.4	2
505	Strong constraints on the $b$ - $\bar{s}$ photon polarisation from $B_0 \rightarrow \bar{K}^* 0 e^+ e^-$ decays. <i>Journal of High Energy Physics</i> , <b>2020</b> , 2020, 1	5.4	4
504	Search for the doubly charmed baryon ( $\Xi_{cc}^+$ ). <i>Science China: Physics, Mechanics and Astronomy</i> , <b>2020</b> , 63, 1	3.6	13
503	Observation of Enhanced Double Parton Scattering in Proton-Lead Collisions at $\sqrt{s_{NN}}=8.16$ TeV. <i>Physical Review Letters</i> , <b>2020</b> , 125, 212001	7.4	1
502	Precision measurement of the ( $\{B\}_c^+$ ) meson mass. <i>Journal of High Energy Physics</i> , <b>2020</b> , 2020, 1	5.4	1
501	Updated measurement of decay-time-dependent CP asymmetries in $D_0 \rightarrow \bar{K}^0 K^0$ and $D_0 \rightarrow \bar{K}^0 \pi^0$ decays. <i>Physical Review D</i> , <b>2020</b> , 101,	4.9	5
500	Isospin Amplitudes in $\{B\}^0 \rightarrow \bar{\pi}^0 \pi^0$ and $\{B\}^0 \rightarrow \pi^0 \pi^0$ Decays. <i>Physical Review Letters</i> , <b>2020</b> , 124, 111802	7.4	2
499	Measurement of $f_s/f_u$ Variation with Proton-Proton Collision Energy and B-Meson Kinematics. <i>Physical Review Letters</i> , <b>2020</b> , 124, 122002	7.4	7
498	Study of the $\bar{D}(3823)$ and $\bar{D}^*(3872)$ states in $B^+ \rightarrow \bar{D}^*(J/\psi) K^+$ decays. <i>Journal of High Energy Physics</i> , <b>2020</b> , 2020, 1	5.4	15
497	Search for CP violation and observation of P violation in $B_0 \rightarrow \bar{K}^0 \pi^0$ decays. <i>Physical Review D</i> , <b>2020</b> , 102,	4.9	4
496	Timing optimization for 3D silicon sensors. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2020</b> , 958, 162491	1.2	
495	Search for $A^{\prime} \rightarrow \pi^+ \pi^-$ Decays. <i>Physical Review Letters</i> , <b>2020</b> , 124, 041801	7.4	60
494	Measurement of $b$ hadron fractions in 13 TeV pp collisions. <i>Physical Review D</i> , <b>2019</b> , 100,	4.9	26
493	Measurement of the relative $B \rightarrow D^0/D^{*0}/D^{**0}$ branching fractions using $B$ mesons from $B \rightarrow \pi^0 \pi^0$ decays. <i>Physical Review D</i> , <b>2019</b> , 99,	4.9	2
492	Measurement of CP observables in the process $B_0 \rightarrow \bar{D} K^0$ with two- and four-body D decays. <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1	5.4	1
491	Search for the rare decay ( $\{B\}^+ \rightarrow \mu^+ \mu^+ \mu^+ \nu_{\mu}$ ). <i>European Physical Journal C</i> , <b>2019</b> , 79, 1	4.2	8
490	Measurement of the CP-violating phase $\gamma$ from $B_s^0 \rightarrow \bar{K}^0 \pi^0$ decays in 13 TeV pp collisions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2019</b> , 797, 134789	4.2	2

489	Observation of the $(\Lambda_{\text{b}}^0 \rightarrow \text{p}\chi_{\text{c}})$ (3872) pK decay. <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1	5-4	5
488	Measurement of the Charm-Mixing Parameter $\gamma_{\text{CP}}$ . <i>Physical Review Letters</i> , <b>2019</b> , 122, 011802	7-4	8
487	Prospects for measurements with strange hadrons at LHCb. <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1	5-4	17
486	Search for CP Violation in $D_{\text{s}}^+ \rightarrow \bar{K}_{\text{S}}^0 \pi^+$ , $D^+ \rightarrow \bar{K}_{\text{S}}^0 K^+$ , and $D^+ \rightarrow \pi^+ \pi^+$ Decays. <i>Physical Review Letters</i> , <b>2019</b> , 122, 191803	7-4	2
485	Observation of $B_{\text{s}}^0 \rightarrow \bar{p} p$ Decays and Precision Measurements of the $B_{\text{s}}^0$ Masses. <i>Physical Review Letters</i> , <b>2019</b> , 122, 191804	7-4	4
484	Measurement of $B^+$ , $B^0$ and $\bar{B}^0$ production in pPb collisions at $\sqrt{s_{\text{NN}}}=8.16$ TeV. <i>Physical Review D</i> , <b>2019</b> , 99,	4-9	12
483	Observation of CP Violation in Charm Decays. <i>Physical Review Letters</i> , <b>2019</b> , 122, 211803	7-4	51
482	Observation of a Narrow Pentaquark State, $P_{\text{c}}(4312)^+$ , and of the Two-Peak Structure of the $P_{\text{c}}(4450)^+$ . <i>Physical Review Letters</i> , <b>2019</b> , 122, 222001	7-4	199
481	Observation of an Excited $B_{\text{c}}^+$ State. <i>Physical Review Letters</i> , <b>2019</b> , 122, 232001	7-4	18
480	Search for Lepton-Universality Violation in $B^+ \rightarrow \bar{K}^+ \pi^+ \pi^-$ Decays. <i>Physical Review Letters</i> , <b>2019</b> , 122, 191801	7-4	137
479	Observation of the doubly Cabibbo-suppressed decay $\bar{D} \rightarrow c \bar{p} \pi^+$ . <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1	5-4	2
478	Model-Independent Observation of Exotic Contributions to $B^0 \rightarrow \bar{K}^+ \pi^-$ Decays. <i>Physical Review Letters</i> , <b>2019</b> , 122, 152002	7-4	13
477	Search for CP violation through an amplitude analysis of $D^0 \rightarrow \bar{K}^+ K^- \pi^0$ decays. <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1	5-4	2
476	First Measurement of Charm Production in its Fixed-Target Configuration at the LHC. <i>Physical Review Letters</i> , <b>2019</b> , 122, 132002	7-4	17
475	Measurement of the mass and production rate of $\bar{B}$ baryons. <i>Physical Review D</i> , <b>2019</b> , 99,	4-9	9
474	Measurement of the branching fractions of the decays $D^+ \rightarrow \bar{K}^0 K^+$ , $D^+ \rightarrow \pi^0 K^+$ and $D^+ \rightarrow \pi^+ K^+$ . <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019,	5-4	3
473	Study of the $B^0 \rightarrow \pi^0 K^*(892)^0$ decay with an amplitude analysis of $B^0 \rightarrow \pi^0 (K^+ \pi^-)$ decays. <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1	5-4	2
472	Measurement of the ratio of branching fractions of the decays $\bar{D} \rightarrow b \bar{p} \pi^0$ and $\bar{D} \rightarrow b \bar{p} \pi^+$ . <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1	5-4	1

471	Dalitz plot analysis of the $D^+ \rightarrow K^+ K^0$ decay. <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1	5-4	4
470	Precision measurement of the $\Xi^+$ , $\Xi^0$ , and $\Xi^-$ baryon lifetimes. <i>Physical Review D</i> , <b>2019</b> , 100,	4-9	14
469	Amplitude analysis of $B^0 \rightarrow K^+ K^-$ decays. <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1	5-4	5
468	First Observation of the Radiative Decay $\Xi^0 \rightarrow \Xi^0 \gamma$ . <i>Physical Review Letters</i> , <b>2019</b> , 123, 031801	7-4	7
467	Measurement of the branching fraction and (C)P asymmetry in $(\{B^+ \rightarrow J/\psi\} \{K^+ \rightarrow \rho^+ \})$ decays. <i>European Physical Journal C</i> , <b>2019</b> , 79, 1	4-2	1
466	Measurement of the Mass Difference Between Neutral Charm-Meson Eigenstates. <i>Physical Review Letters</i> , <b>2019</b> , 122, 231802	7-4	39
465	Near-threshold $(\overline{D}^0 \rightarrow D^0)$ spectroscopy and observation of a new charmonium state. <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1	5-4	16
464	Amplitude analysis of the $(B^0 \rightarrow K^+ \overline{K}^0)$ decays and measurement of the branching fraction of the $(B^0 \rightarrow K^+ \overline{K}^0)$ decay. <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1	5-4	3
463	Observation of New Resonances in the $\Xi^0 \rightarrow \Xi^0 \pi^+ \pi^-$ System. <i>Physical Review Letters</i> , <b>2019</b> , 123, 152001	7-4	22
462	Updated measurement of time-dependent (CP)-violating observables in $(B^0 \rightarrow J/\psi K^+ K^-)$ decays. <i>European Physical Journal C</i> , <b>2019</b> , 79, 1	4-2	7
461	Measurements of CP asymmetries in charmless four-body $(\Lambda^0 \rightarrow b)$ and $(\Xi^0 \rightarrow b)$ decays. <i>European Physical Journal C</i> , <b>2019</b> , 79, 1	4-2	6
460	Prompt $\Xi^0$ production in pPb collisions at $(\sqrt{s_{NN}}=5.02)$ TeV. <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1	5-4	10
459	Measurement of the electron reconstruction efficiency at LHCb. <i>Journal of Instrumentation</i> , <b>2019</b> , 14, P11023-P11023	1	3
458	A search for $(\Xi_{cc}^{++}) \rightarrow D^+ p K^0$ decays. <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1	5-4	5
457	Measurement of CP violation in the $(B_s^0 \rightarrow \phi \phi)$ decay and search for the $B^0 \rightarrow \phi \phi$ decay. <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1	5-4	0
456	Measurement of the $B_c$ meson production fraction and asymmetry in 7 and 13 TeV pp collisions. <i>Physical Review D</i> , <b>2019</b> , 100,	4-9	4
455	Search for the Lepton-Flavor-Violating Decays $B_{(s)}^0 \rightarrow \mu^+ \mu^-$ and $B^0 \rightarrow \mu^+ \mu^-$ . <i>Physical Review Letters</i> , <b>2019</b> , 123, 211801	7-4	13
454	Search for Lepton-Flavor Violating Decays $B^+ \rightarrow K^+ \mu^+ \mu^- e^+$ . <i>Physical Review Letters</i> , <b>2019</b> , 123, 241802	7-4	8

453	Measurement of CP-Violating and Mixing-Induced Observables in $B_{s^0} \rightarrow \ell \bar{D}$ Decays. <i>Physical Review Letters</i> , <b>2019</b> , 123, 081802	7.4	2
452	Amplitude Analysis of $B^0 \rightarrow \pi^0 K^+ K^-$ Decays. <i>Physical Review Letters</i> , <b>2019</b> , 123, 231802	7.4	14
451	Measurement of Charged Hadron Production in Z-Tagged Jets in Proton-Proton Collisions at $\sqrt{s}=8$ TeV. <i>Physical Review Letters</i> , <b>2019</b> , 123, 232001	7.4	3
450	Observation of Two Resonances in the $B^0 \rightarrow \pi^0 \pi^0$ Systems and Precise Measurement of $B^0 \rightarrow \pi^0 \pi^0$ and $B^0 \rightarrow \pi^0 \pi^0$ Properties. <i>Physical Review Letters</i> , <b>2019</b> , 122, 012001	7.4	29
449	Search for excited $B + c$ states. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	13
448	Search for Dark Photons Produced in $13 \text{ TeV}$ pp Collisions. <i>Physical Review Letters</i> , <b>2018</b> , 120, 061801	7.4	75
447	First observation of forward $Z \rightarrow b \bar{b}$ production in pp collisions at $\sqrt{s}=8 \text{ TeV}$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2018</b> , 776, 430-439	4.2	1
446	Measurement of CP observables in $B^0 \rightarrow \bar{D}^0 K^0$ and $B^0 \rightarrow \bar{D}^0 \pi^0$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2018</b> , 777, 16-30	4.2	10
445	A measurement of the CP asymmetry difference between $\bar{B}^0 \rightarrow \pi^+ K^0$ and $\pi^0 K^+$ decays. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018,	5.4	9
444	Measurement of CP asymmetry in $B^0 \rightarrow \pi^+ \pi^- K^0$ decays. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	4
443	Search for the lepton-flavour violating decays $B^0 \rightarrow (s) \ell \bar{\nu} K^0$ . <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	15
442	First measurement of the CP-violating phase ( $\phi_{s^0}^{\overline{d}}$ ) in $B^0 \rightarrow \pi^+ \pi^- (K^+ K^-)$ decays. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	6
441	Test of lepton flavor universality by the measurement of the $B^0 \rightarrow \bar{D}^0 \mu^+ \mu^-$ branching fraction using three-prong $\mu$ decays. <i>Physical Review D</i> , <b>2018</b> , 97,	4.9	106
440	Measurement of the Ratio of the $B^0 \rightarrow \bar{D}^0 \mu^+ \mu^-$ and $B^0 \rightarrow \bar{D}^0 \pi^+ \pi^-$ Branching Fractions Using Three-Prong $\mu$ Lepton Decays. <i>Physical Review Letters</i> , <b>2018</b> , 120, 171802	7.4	126
439	Measurement of the Ratio of Branching Fractions $B(B_{c^+} \rightarrow \bar{D}^0 \mu^+ \mu^-) / B(B_{c^+} \rightarrow \bar{D}^0 \pi^+ \pi^-)$ . <i>Physical Review Letters</i> , <b>2018</b> , 120, 121801	7.4	109
438	Search for $B_{c^+}$ decays to two charm mesons. <i>Nuclear Physics B</i> , <b>2018</b> , 930, 563-582	2.8	4
437	Measurement of the Lifetime of the Doubly Charmed Baryon $\Xi_{cc}^{++}$ . <i>Physical Review Letters</i> , <b>2018</b> , 121, 052002	7.4	44
436	Measurement of branching fractions of charmless four-body $\bar{D}^0 b$ and $\bar{D}^0 b$ decays. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	8

435	Observation of the decay $B^0 \rightarrow \pi^+ \pi^-$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2018</b> , 784, 101-111	4.2	7
434	Observation of a New $\chi_{c1}$ Resonance. <i>Physical Review Letters</i> , <b>2018</b> , 121, 072002	7.4	50
433	Evidence for the Rare Decay $B^0 \rightarrow \pi^+ \pi^- \pi^0$ . <i>Physical Review Letters</i> , <b>2018</b> , 120, 221803	7.4	8
432	Central exclusive production of $J/\psi$ and $\psi(2S)$ mesons in pp collisions at $\sqrt{s} = 13$ TeV. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018,	5.4	13
431	Measurement of the time-integrated CP asymmetry in $D^0 \rightarrow K^+ K^-$ decays. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	4
430	Study of $\chi$ production in pPb collisions at $(\sqrt{s_{\text{NN}}}) = 8.16$ TeV. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	8
429	Search for beautiful tetraquarks in the $\chi(1S)$ invariant-mass spectrum. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	21
428	Search for CP violation in $B^0 \rightarrow \pi^+ K^-$ and $B^0 \rightarrow \pi^0 K^0$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2018</b> , 787, 124-133	4.2	9
427	Search for lepton-flavour-violating decays of Higgs-like bosons. <i>European Physical Journal C</i> , <b>2018</b> , 78, 1008	4.2	3
426	Evidence for an resonance in decays. <i>European Physical Journal C</i> , <b>2018</b> , 78, 1019	4.2	26
425	Observation of the decay $B_s^0 \rightarrow D^+ K^- K^0$ . <i>Physical Review D</i> , <b>2018</b> , 98,	4.9	6
424	Observation of $B_s^0 \rightarrow D^+ K^-$ and search for $B^0 \rightarrow D^+ K^-$ decays. <i>Physical Review D</i> , <b>2018</b> , 98,	4.9	5
423	Measurement of Antiproton Production in p-He Collisions at $\sqrt{s_{\text{NN}}} = 110$ GeV. <i>Physical Review Letters</i> , <b>2018</b> , 121, 222001	7.4	22
422	Measurement of the inelastic pp cross-section at a centre-of-mass energy of 13 TeV. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	12
421	Measurement of $\chi$ production in pp collisions at $(\sqrt{s}) = 13$ TeV. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	6
420	Measurement of forward top pair production in the dilepton channel in pp collisions at $(\sqrt{s}) = 13$ TeV. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	4
419	Observation of the decay $(\overline{B}_s^0 \rightarrow \chi_{c2} K^+ K^-)$ in the $\chi$ mass region. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	0
418	Search for a dimuon resonance in the $\chi$ mass region. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	7

417	Studies of the resonance structure in decays. <i>European Physical Journal C</i> , <b>2018</b> , 78, 443	4.2	11
416	Angular moments of the decay $\Lambda_b \rightarrow \Lambda \pi$ at low hadronic recoil. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	17
415	Measurement of Z $\rightarrow \mu\mu$ production in proton-proton collisions at $(\sqrt{s}=8)$ TeV. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	2
414	First Observation of the Doubly Charmed Baryon Decay $\Xi_{cc}^{++} \rightarrow \Xi_c^+ \pi^+$ . <i>Physical Review Letters</i> , <b>2018</b> , 121, 162002	7.4	54
413	Measurement of the CKM angle $\beta$ using $B \rightarrow DK$ with $D \rightarrow K^0 S \rightarrow K^0 K^0$ decays. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	9
412	Measurement of D $\rightarrow s$ production asymmetry in pp collisions at $(\sqrt{s}=7)$ and 8 TeV. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	4
411	Measurement of Angular and CP Asymmetries in $D^0 \rightarrow \pi^+ \pi^- \pi^0$ and $D^0 \rightarrow K^+ K^- \pi^0$ Decays. <i>Physical Review Letters</i> , <b>2018</b> , 121, 091801	7.4	8
410	Measurement of the $\Xi_c^0$ Baryon Lifetime. <i>Physical Review Letters</i> , <b>2018</b> , 121, 092003	7.4	12
409	Evidence for the decay $(B)_S^0 \rightarrow \overline{K}^0 \mu^+ \mu^-$ . <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	15
408	Measurement of CP asymmetries in two-body B(s)0-meson decays to charged pions and kaons. <i>Physical Review D</i> , <b>2018</b> , 98,	4.9	13
407	Observation of the decay $\Lambda_b \rightarrow \Lambda p$ . <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	5
406	Measurement of the CP asymmetry in $B \rightarrow D$ and $B \rightarrow D^0$ decays. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	1
405	Search for CP violation using triple product asymmetries in $\Lambda_b \rightarrow \Lambda K^0$ and $\Lambda_b \rightarrow \Lambda K^+ K^-$ decays. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	7
404	Updated determination of $D^0 \bar{D}^0$ mixing and CP violation parameters with $D^0 \rightarrow K^+ \pi^-$ decays. <i>Physical Review D</i> , <b>2018</b> , 97,	4.9	11
403	Search for the rare decay $\Lambda_b \rightarrow \Lambda \pi$ . <i>Physical Review D</i> , <b>2018</b> , 97,	4.9	9
402	Search for weakly decaying b-flavored pentaquarks. <i>Physical Review D</i> , <b>2018</b> , 97,	4.9	5
401	First observation of $B^+ \rightarrow \bar{D} + s K^+ K^-$ decays and a search for $B^+ \rightarrow \bar{D} + s ?$ decays. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	6
400	Measurements of the branching fractions of $\Lambda_c^+ \rightarrow \Lambda \pi^+$ , $\Lambda_c^+ \rightarrow \Lambda K^+$ , and $\Lambda_c^+ \rightarrow \Lambda \bar{K}^+$ . <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018,	5.4	8

399	Measurement of CP violation in $B_0 \rightarrow D^* \pi$ decays. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	2
398	Amplitude Analysis of the Decay $B \rightarrow \rho^0 \rho^+ \rho^-$ and First Observation of the CP Asymmetry in $B \rightarrow \rho^0 \rho^+ \rho^-$ . <i>Physical Review Letters</i> , <b>2018</b> , 120, 261801	7.4	7
397	Search for the CP-violating strong decays $B \rightarrow \rho^0 \rho^+ \rho^-$ and $B \rightarrow \rho^0 \rho^+ \rho^-$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2017</b> , 764, 233-240	4.2	7
396	Search for the suppressed decays $B \rightarrow \rho^0 \rho^+ \rho^-$ and $B \rightarrow \rho^0 \rho^+ \rho^-$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2017</b> , 765, 307-316	4.2	8
395	Amplitude analysis of $B \rightarrow \rho^0 \rho^+ \rho^-$ decays. <i>Physical Review D</i> , <b>2017</b> , 95,	4.9	56
394	Observation of $J/\psi$ Structures Consistent with Exotic States from Amplitude Analysis of $B \rightarrow \rho^0 \rho^+ \rho^-$ Decays. <i>Physical Review Letters</i> , <b>2017</b> , 118, 022003	7.4	98
393	Observation of the Annihilation Decay Mode $B \rightarrow \rho^0 \rho^+ \rho^-$ . <i>Physical Review Letters</i> , <b>2017</b> , 118, 081801	7.4	18
392	First Experimental Study of Photon Polarization in Radiative $B \rightarrow \rho^0 \rho^+ \rho^-$ Decays. <i>Physical Review Letters</i> , <b>2017</b> , 118, 021801	7.4	16
391	Measurement of forward $t\bar{t}$ , $W+bb$ and $W+cc$ production in pp collisions at $\sqrt{s}=8$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2017</b> , 767, 110-120	4.2	4
390	Observation of the decay $B_s \rightarrow \rho^0 \rho^+ \rho^-$ and evidence for $B_0 \rightarrow \rho^0 \rho^+ \rho^-$ . <i>Physical Review D</i> , <b>2017</b> , 95,	4.9	17
389	Measurement of the b-Quark Production Cross Section in 7 and 13 TeV pp Collisions. <i>Physical Review Letters</i> , <b>2017</b> , 118, 052002	7.4	36
388	Measurement of the phase difference between short- and long-distance amplitudes in the $B \rightarrow \rho^0 \rho^+ \rho^-$ decay. <i>European Physical Journal C</i> , <b>2017</b> , 77, 161	4.2	25
387	Study of the $D^0 \rightarrow \rho^0 \rho^+ \rho^-$ amplitude in $B \rightarrow D^0 \rho^+ \rho^-$ decays. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	33
386	Search for massive long-lived particles decaying semileptonically in the LHCb detector. <i>European Physical Journal C</i> , <b>2017</b> , 77, 224	4.2	35
385	Observation of $B \rightarrow \rho^0 \rho^+ \rho^-$ and $B \rightarrow \rho^0 \rho^+ \rho^-$ decays. <i>European Physical Journal C</i> , <b>2017</b> , 77, 72	4.2	4
384	Measurement of CP asymmetry in $D^0 \rightarrow \rho^0 \rho^+ \rho^-$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2017</b> , 767, 177-187	4.2	11
383	Observation of the Decay $B \rightarrow \rho^0 \rho^+ \rho^-$ . <i>Physical Review Letters</i> , <b>2017</b> , 118, 071801	7.4	7
382	Search for long-lived scalar particles in $B \rightarrow \rho^0 \rho^+ \rho^-$ decays. <i>Physical Review D</i> , <b>2017</b> , 95,	4.9	48

381	Study of prompt $D^0$ meson production in pPb collisions at $(\sqrt{s_{\mathrm{N};\mathrm{N}}}=5)$ TeV. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	27
380	Prompt and nonprompt $J/\psi$ production and nuclear modification in pPb collisions at $\sqrt{s_{\mathrm{NN}}}=8.16$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2017</b> , 774, 159-178	4.2	26
379	Observation of charmless baryonic decays $B(s) \rightarrow \bar{p} p \pi^+ \pi^-$ . <i>Physical Review D</i> , <b>2017</b> , 96,	4.9	5
378	Study of charmonium production in $\pi$ -hadron decays and first evidence for the decay. <i>European Physical Journal C</i> , <b>2017</b> , 77, 609	4.2	10
377	Improved limit on the branching fraction of the rare decay. <i>European Physical Journal C</i> , <b>2017</b> , 77, 678	4.2	7
376	Observation of $B_c \rightarrow \bar{b} D^{(*)} K^{(*)}$ decays. <i>Physical Review D</i> , <b>2017</b> , 95,	4.9	8
375	Measurements of charm mixing and CP violation using $D^0 \rightarrow K^+ K^-$ decays. <i>Physical Review D</i> , <b>2017</b> , 95,	4.9	8
374	Measurement of the $B_{\mathrm{CP}}$ production asymmetry and the CP asymmetry in $B_{\mathrm{CP}} \rightarrow \bar{b} K^+ K^-$ decays. <i>Physical Review D</i> , <b>2017</b> , 95,	4.9	6
373	Measurement of the ratio of branching fractions and difference in CP asymmetries of the decays $B \rightarrow \bar{c} J/\psi K^+$ and $B \rightarrow \bar{c} J/\psi K^-$ . <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	2
372	Search for the $B^0 \rightarrow \bar{c} \pi^+$ decay. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	1
371	Observation of the decay $B^0 \rightarrow \bar{c} K^+ K^-$ and a search for CP violation. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017,	5.4	5
370	Measurement of $B_{\mathrm{s}}^0$ and $D_{\mathrm{s}}^0$ Meson Lifetimes. <i>Physical Review Letters</i> , <b>2017</b> , 119, 101801	7.4	10
369	Observation of the Doubly Charmed Baryon $\chi_{\mathrm{cc}}^{++}$ . <i>Physical Review Letters</i> , <b>2017</b> , 119, 112001	7.4	257
368	Measurement of the CP Violation Parameter $A_{\mathrm{CP}}$ in $D^0 \rightarrow \bar{K}^+ K^-$ and $D^0 \rightarrow \bar{K}^+ \pi^-$ Decays. <i>Physical Review Letters</i> , <b>2017</b> , 118, 261803	7.4	11
367	Observation of $B_{\mathrm{c}}^+ \rightarrow \bar{D}^0 K^+$ Decays. <i>Physical Review Letters</i> , <b>2017</b> , 118, 111803	7.4	13
366	Observation of Five New Narrow $\chi_{\mathrm{c}}^0$ States Decaying to $\chi_{\mathrm{c}}^+ K^-$ . <i>Physical Review Letters</i> , <b>2017</b> , 118, 182001	7.4	154
365	Measurement of CP asymmetries in $D_{\mathrm{CP}}$ and $D_{\mathrm{sCP}}$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2017</b> , 771, 21-30	4.2	6
364	Observation of $\psi(2S) \rightarrow \bar{p} p$ and search for $X(3872) \rightarrow \bar{p} p$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2017</b> , 769, 305-313	4.2	16

363	Observation of the $B_{s1}^0 \rightarrow K^0 \pi^0$ decay. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2017</b> , 772, 265-273	4.2	15
362	Measurement of the $B_{s1}^0 \rightarrow \pi^0 \pi^0$ Branching Fraction and Effective Lifetime and Search for $B^0 \rightarrow \pi^+ \pi^-$ Decays. <i>Physical Review Letters</i> , <b>2017</b> , 118, 191801	7.4	106
361	Study of $J/\psi$ Production in Jets. <i>Physical Review Letters</i> , <b>2017</b> , 118, 192001	7.4	20
360	Observation of the Decays $B^0 \rightarrow \pi^+ \rho^- K^0$ and $B^0 \rightarrow \pi^+ \rho^- K^0$ . <i>Physical Review Letters</i> , <b>2017</b> , 119, 062001	7.4	22
359	Observation of the $B^0 \rightarrow \pi^+ \rho^- K^0$ decay. <i>Physical Review D</i> , <b>2017</b> , 96,	4.9	2
358	Search for the Decays $B_{s1}^0 \rightarrow \pi^+ \pi^-$ and $B^0 \rightarrow \pi^+ \pi^-$ . <i>Physical Review Letters</i> , <b>2017</b> , 118, 251802	7.4	40
357	Measurement of the shape of the $B^0 \rightarrow \pi^+ \pi^-$ differential decay rate. <i>Physical Review D</i> , <b>2017</b> , 96,	4.9	23
356	Observation of the suppressed decay $B^0 \rightarrow \pi^+ \pi^- \pi^0$ . <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	10
355	Test of lepton universality with $B^0 \rightarrow \rho^+ \rho^- \pi^0$ decays. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	298
354	$\rho(770)$ and $\rho(1450)$ Resonance Parameters with the Decays $B^0 \rightarrow \rho^+ \rho^- \pi^0$ . <i>Physical Review Letters</i> , <b>2017</b> , 119, 221801	7.4	8
353	Observation of $D^0$ Meson Decays to $\pi^+ \pi^- \pi^0$ and $K^+ K^- \pi^0$ Final States. <i>Physical Review Letters</i> , <b>2017</b> , 119, 181805	7.4	14
352	Search for Baryon-Number Violating $B^0$ Oscillations. <i>Physical Review Letters</i> , <b>2017</b> , 119, 181807	7.4	1
351	Measurement of the $J/\psi$ pair production cross-section in pp collisions at $\sqrt{s}=13$ TeV. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	25
350	New algorithms for identifying the flavour of [Formula: see text] mesons using pions and protons. <i>European Physical Journal C</i> , <b>2017</b> , 77, 238	4.2	4
349	Measurements of prompt charm production cross-sections in pp collisions at $s = 5 \sqrt{s}=5$ TeV. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017,	5.4	16
348	Search for CP violation in the phase space of $D^0 \rightarrow \pi^+ \pi^-$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2017</b> , 769, 345-356	4.2	7
347	Evidence for the two-body charmless baryonic decay ( $B^+ \rightarrow \overline{\Lambda} p$ ). <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	4
346	First Observation of the Rare Purely Baryonic Decay $B^+ \rightarrow \overline{\Lambda} p$ . <i>Physical Review Letters</i> , <b>2017</b> , 119, 232001	7.4	4

345	Resonances and CP violation in $B^0$ and $(\overline{B}^0 \rightarrow J/\psi K^+ K^-)$ decays in the mass region above the $\psi(1020)$ . <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5-4	13
344	Study of $(\overline{b} \rightarrow b)$ correlations in high energy proton-proton collisions. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5-4	5
343	Measurement of CP observables in $B^0 \rightarrow \rho^0 K^* \rho^0$ decays using two- and four-body D final states. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5-4	4
342	Measurement of $B^0$ , $B_s^0$ , $B^+$ and $\overline{B}^0$ production asymmetries in 7 and 8 TeV proton-proton collisions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2017</b> , 774, 139-158	4-2	10
341	Measurement of CP violation in $B^0 \rightarrow \rho^+ \rho^- K^0$ and $B^0 \rightarrow \rho^0 \rho^0 K^0$ decays. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017,	5-4	2
340	First Observation of a Baryonic $B_{\{s\}^0}$ Decay. <i>Physical Review Letters</i> , <b>2017</b> , 119, 041802	7-4	10
339	Updated search for long-lived particles decaying to jet pairs. <i>European Physical Journal C</i> , <b>2017</b> , 77, 812	4-2	23
338	Updated branching fraction measurements of $B(s) \rightarrow \rho^0 \rho^0 h^+ h^-$ decays. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017,	5-4	4
337	Search for decays of neutral beauty mesons into four muons. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5-4	7
336	Observation of the decay $B_s^0 \rightarrow \rho^+ \rho^-$ and evidence for $B_s^0 \rightarrow \rho^+ \rho^- \pi^0$ . <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017,	5-4	6
335	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> , <b>2017</b> , 2017, 1	5-4	3
334	Measurement of the $B^0$ production cross-section in pp collisions at $s = 7 \sqrt{s}=7$ and 13 TeV. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017,	5-4	8
333	Measurement of the $Y(nS)$ polarizations in pp collisions at $(\sqrt{s}=7)$ and 8 TeV. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5-4	6
332	Measurement of the CP Asymmetry in $B_{\{s\}^0} \rightarrow B_{\{s\}^0}$ Mixing. <i>Physical Review Letters</i> , <b>2016</b> , 117, 061803	7-4	18
331	Model-Independent Evidence for $J/\psi$ Contributions to $\overline{B}^0 \rightarrow \rho^+ \rho^- K^+$ Decays. <i>Physical Review Letters</i> , <b>2016</b> , 117, 082002	7-4	85
330	Evidence for Exotic Hadron Contributions to $\overline{B}^0 \rightarrow \rho^+ \rho^-$ Decays. <i>Physical Review Letters</i> , <b>2016</b> , 117, 082003	7-4	91
329	Studies of the resonance structure in $D^0 \rightarrow \rho^0 K^0 \rho^0$ decays. <i>Physical Review D</i> , <b>2016</b> , 93,	4-9	13
328	Measurement of the mass and lifetime of the $\overline{B}$ baryon. <i>Physical Review D</i> , <b>2016</b> , 93,	4-9	6

327	First Observation of $D^0$ - $\overline{D}^0$ Oscillations in $D^0$ - $K^+ \pi^- \pi^-$ Decays and Measurement of the Associated Coherence Parameters. <i>Physical Review Letters</i> , <b>2016</b> , 116, 241801	7.4	16
326	First observation of the rare $B^+ \rightarrow K^+ \pi^0$ decay. <i>Physical Review D</i> , <b>2016</b> , 93,	4.9	3
325	Measurement of the $B_s^0 \rightarrow D_s^{(*)} + D_s^{(*)}$ branching fractions. <i>Physical Review D</i> , <b>2016</b> , 93,	4.9	3
324	Constraints on the unitarity triangle angle $\Gamma$ from Dalitz plot analysis of $B^0 \rightarrow K^+ \pi^-$ decays. <i>Physical Review D</i> , <b>2016</b> , 93,	4.9	6
323	Observation of $B_{s1}^0 \rightarrow \overline{D}^0 K_S^0$ and Evidence for $B_{s1}^0 \rightarrow \overline{D}^0 \pi^+ \pi^- K_S^0$ Decays. <i>Physical Review Letters</i> , <b>2016</b> , 116, 161802	7.4	5
322	Measurement of the Difference of Time-Integrated CP Asymmetries in $D^0 \rightarrow K^+ K^+$ and $D^0 \rightarrow \pi^+ \pi^+$ Decays. <i>Physical Review Letters</i> , <b>2016</b> , 116, 191601	7.4	25
321	Search for Violations of Lorentz Invariance and CPT Symmetry in $B_{(s)}$ Mixing. <i>Physical Review Letters</i> , <b>2016</b> , 116, 241601	7.4	22
320	Search for Structure in the $B_{(s)}$ Invariant Mass Spectrum. <i>Physical Review Letters</i> , <b>2016</b> , 117, 152003	7.4	64
319	Differential branching fraction and angular moments analysis of the decay $B^0 \rightarrow \pi^+ \pi^- \pi^0$ in the $K^*_{0,2}(1430)^0$ region. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	11
318	Study of $D^{(*)} + sJ$ mesons decaying to $D^* + K^0 S$ and $D^0 K^+ +$ final states. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	7
317	Measurement of forward W and Z boson production in pp collisions at $\sqrt{s} = 8$ TeV. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016,	5.4	34
316	Study of $\Upsilon(2S)$ production and cold nuclear matter effects in pPb collisions at $(\sqrt{s_{NN}} = 5)$ TeV. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	10
315	Model-independent measurement of mixing parameters in $D^0 \rightarrow K^+ S^0$ decays. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016,	5.4	11
314	Measurements of prompt charm production cross-sections in pp collisions at $(\sqrt{s} = 13)$ TeV. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	65
313	First observation of the decay $B^0 \rightarrow \pi^+ \pi^- K^*(892)^0$ at LHCb. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	3
312	Observation of the $B^0 \rightarrow \pi^+ \pi^-$ decay. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	7
311	First observation of the decay $D^0 \rightarrow \pi^+ \pi^- \pi^0$ in the $\pi^+ \pi^-$ region of the dimuon mass spectrum. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2016</b> , 757, 558-567	4.2	10
310	Angular analysis of the $B^0 \rightarrow \pi^+ \pi^- \pi^0$ decay using 3 fb of integrated luminosity. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	232

309	A precise measurement of the [Formula: see text] meson oscillation frequency. <i>European Physical Journal C</i> , <b>2016</b> , 76, 412	4.2	6
308	Search for Higgs-like bosons decaying into long-lived exotic particles. <i>European Physical Journal C</i> , <b>2016</b> , 76, 664	4.2	16
307	Observations of $\Lambda_b^- \rightarrow \Lambda^0 \pi^-$ and $\Lambda_b^- \rightarrow \Lambda^0 K^-$ decays and searches for other $\Lambda_b^-$ and $\Lambda_b^0$ decays to $\Lambda + h^0$ final states. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	17
306	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> , <b>2016</b> , 2016, 1	5.4	8
305	Observation of $\Lambda_b^- \rightarrow \Lambda^0 \pi^- K^0$ and $\Lambda_b^- \rightarrow \Lambda^0 \pi^- K^+$ decays and a measurement of the $\Lambda_b^-$ baryon mass. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	15
304	Measurement of the properties of the $\Lambda_b^0$ baryon. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	15
303	Production of associated Y and open charm hadrons in pp collisions at ( $\sqrt{s}=7$ ) and 8 TeV via double parton scattering. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	25
302	Measurement of the CKM angle $\Gamma$ using $B^0 \rightarrow D^+ K^-$ with $D^+ \rightarrow \pi^+ \pi^0$ decays. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	6
301	Measurement of the forward Z boson production cross-section in pp collisions at ( $\sqrt{s}=13$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	13
300	Measurement of the ratio of branching fractions $(\mathcal{B}(\Lambda_b^- \rightarrow \Lambda^0 \pi^- K^0) / \mathcal{B}(\Lambda_b^- \rightarrow \Lambda^0 \pi^- K^+))$ . <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	5
299	Measurement of forward W-fel production in pp collisions at ( $\sqrt{s}=8$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	8
298	Measurement of the CKM angle $\Gamma$ from a combination of LHCb results. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	23
297	Measurements of the S-wave fraction in $B^0 \rightarrow \pi^+ \pi^-$ decays and the $B^0 \rightarrow \pi^+ \pi^- (892)^0$ differential branching fraction. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	48
296	Study of the production of and hadrons in pp collisions and first measurement of the branching fraction. <i>Chinese Physics C</i> , <b>2016</b> , 40, 011001	2.2	65
295	A new algorithm for identifying the flavour of $B^0$ mesons at LHCb. <i>Journal of Instrumentation</i> , <b>2016</b> , 11, P05010-P05010	1	10
294	Amplitude analysis of $B \rightarrow \pi \pi$ decays. <i>Physical Review D</i> , <b>2016</b> , 94,	4.9	45
293	Study of $B_c^+$ decays to the $K^+ K^0$ final state and evidence for the decay $B_c^+ \rightarrow B^0 \pi^+$ . <i>Physical Review D</i> , <b>2016</b> , 94,	4.9	17
292	Measurement of CP Violation in $B^0 \rightarrow D^+ D^-$ Decays. <i>Physical Review Letters</i> , <b>2016</b> , 117, 261801	7.4	6

291	Measurement of the $B_s^0$ - $\bar{B}_s^0$ lifetime. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2016</b> , 762, 484-492	4.2	4
290	Search for the lepton-flavour violating decay $D^0 \rightarrow e^+ \mu^-$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2016</b> , 754, 167-175	4.2	14
289	Model-independent measurement of the CKM angle $\alpha$ using $B^0 \rightarrow \bar{D}^0 K^+ K^-$ decays with $D \rightarrow K^+ K^- \pi^0$ and $K^0_S \rightarrow K^+ K^-$ . <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	6
288	First study of the CP-violating phase and decay-width difference in $B_s^0 \rightarrow \bar{D}_s^0 \pi^0$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2016</b> , 762, 253-262	4.2	13
287	Measurements of long-range near-side angular correlations in $\sqrt{s_{NN}}=5$ TeV proton-lead collisions in the forward region. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2016</b> , 762, 473-483	4.2	32
286	Search for $B_c^+$ decays to the $pp^{\prime} \pi^0$ final state. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2016</b> , 759, 313-321	4.2	10
285	Observation of the $B^0 \rightarrow \pi^0$ decay. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2016</b> , 759, 282-292	4.2	12
284	Measurement of CP observables in $B^{\pm} \rightarrow \bar{D} K^{\pm}$ and $B^{\pm} \rightarrow \bar{D} \pi^{\pm}$ with two- and four-body D decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2016</b> , 760, 117-131	4.2	16
283	Determination of $\alpha$ and $\beta$ from charmless two-body decays of beauty mesons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2015</b> , 741, 1-11	4.2	9
282	Study of the rare $B_s^0$ and $B^0$ decays into the $\pi^0 \pi^0$ final state. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2015</b> , 743, 46-55	4.2	13
281	Measurement of the semileptonic CP asymmetry in $B^0 \rightarrow B^0$ mixing. <i>Physical Review Letters</i> , <b>2015</b> , 114, 041601	7.4	28
280	Precision measurement of CP violation in $B(S)(0) \rightarrow \bar{B}^0 K^0$ decays. <i>Physical Review Letters</i> , <b>2015</b> , 114, 041801	7.4	53
279	Measurement of $B_c^+$ Production in Proton-Proton Collisions at $\sqrt{s}=8$ TeV. <i>Physical Review Letters</i> , <b>2015</b> , 114, 132001	7.4	35
278	Search for long-lived particles decaying to jet pairs. <i>European Physical Journal C</i> , <b>2015</b> , 75, 152	4.2	26
277	Search for CP violation in $D^0 \rightarrow \bar{D}^0$ decays with the energy test. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2015</b> , 740, 158-167	4.2	16
276	Study of $\theta$ mixing from measurement of $B(s) \rightarrow f_j / \bar{f}_j$ decay rates. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015,	5.4	8
275	Measurement of the Z+b-jet cross-section in pp collisions at $\sqrt{s} = 7$ TeV in the forward region. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5.4	7
274	Search for the lepton flavour violating decay $\tau^+ \rightarrow \mu^+ \nu_{\tau} \nu_{\mu}$ . <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5.4	22

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272	Measurement of indirect CP asymmetries in $D^0 \rightarrow K^+ K^-$ and $D^0 \rightarrow \pi^+ \pi^-$ decays using semileptonic B decays. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015,	5-4	14
271	Measurement of the $[ \text{Formula: see text} ]$ production cross-section in proton-proton collisions via the decay $[ \text{Formula: see text} ]$ . <i>European Physical Journal C</i> , <b>2015</b> , 75, 311	4-2	41
270	Study of CP violation in $B^0 \rightarrow Dh^0$ ( $h=K, \pi$ ) with the modes $D \rightarrow K^+ \pi^0$ , $D \rightarrow \pi^0 \pi^0$ and $D \rightarrow K^+ K^0$ . <i>Physical Review D</i> , <b>2015</b> , 91,	4-9	13
269	Study of $B \rightarrow DK$ and $B \rightarrow D\pi$ decays and determination of the CKM angle $\alpha$ <i>Physical Review D</i> , <b>2015</b> , 92,	4-9	4
268	First observation of top quark production in the forward region. <i>Physical Review Letters</i> , <b>2015</b> , 115, 112001	5-1	16
267	Evidence for the Strangeness-Changing Weak Decay $\bar{b} \rightarrow \bar{c} \bar{u} d$ . <i>Physical Review Letters</i> , <b>2015</b> , 115, 241801	7-4	14
266	First observation and amplitude analysis of the $B \rightarrow K \pi$ decay. <i>Physical Review D</i> , <b>2015</b> , 91,	4-9	30
265	Quantum numbers of the X(3872) state and orbital angular momentum in its $DJ/\psi$ decay. <i>Physical Review D</i> , <b>2015</b> , 92,	4-9	34
264	Amplitude analysis of $B^0 \rightarrow D^0 K^+ \pi^-$ decays. <i>Physical Review D</i> , <b>2015</b> , 92,	4-9	16
263	Dalitz plot analysis of $B^0 \rightarrow D^0 K^+ \pi^-$ decays. <i>Physical Review D</i> , <b>2015</b> , 92,	4-9	53
262	Study of W boson production in association with beauty and charm. <i>Physical Review D</i> , <b>2015</b> , 92,	4-9	17
261	Measurement of the branching fraction ratio $B(B_c \rightarrow \tau^+ S^-) / B(B_c \rightarrow \tau^+ \mu^-)$ . <i>Physical Review D</i> , <b>2015</b> , 92,	4-9	11
260	Search for the rare decays $B^0 \rightarrow \mu^+ \mu^-$ and $B_s^0 \rightarrow \mu^+ \mu^-$ <i>Physical Review D</i> , <b>2015</b> , 92,	4-9	7
259	Model-independent confirmation of the Z(4430) state. <i>Physical Review D</i> , <b>2015</b> , 92,	4-9	25
258	Measurement of CP Violation in $B^0 \rightarrow \mu^+ \mu^- S^0$ Decays. <i>Physical Review Letters</i> , <b>2015</b> , 115, 031601	7-4	22
257	Observation of the $B(s)^0 \rightarrow \mu^+ \mu^-$ Decay. <i>Physical Review Letters</i> , <b>2015</b> , 115, 051801	7-4	7
256	Observation of $J/\psi$ Resonances Consistent with Pentaquark States in $\bar{b} \rightarrow \bar{c} \mu^+ \mu^- p$ Decays. <i>Physical Review Letters</i> , <b>2015</b> , 115, 072001	7-4	580

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254	Search for Hidden-Sector Bosons in $B(0) \rightarrow K^{*0} \pi^+ \pi^-$ Decays. <i>Physical Review Letters</i> , <b>2015</b> , 115, 161802	7.4	65
253	Measurement of CP asymmetries and polarisation fractions in $(B_s^0 \rightarrow \overline{K}^{*0} \pi^0)$ decays. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5.4	6
252	Measurement of the forward Z boson production cross-section in pp collisions at $(\sqrt{s}=7)$ TeV. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5.4	31
251	Search for the $D_b^- \rightarrow \pi^0$ and $D_b^- \rightarrow \pi^+$ decays with the LHCb detector. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5.4	6
250	Measurement of the exclusive $\pi^0$ production cross-section in pp collisions at $(\sqrt{s}=7)$ TeV and 8 TeV. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5.4	42
249	Measurement of the $B^0 \rightarrow \pi^+ \pi^-$ branching fraction and search for the decay $B^0 \rightarrow \pi^+ \pi^- \pi^0$ . <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5.4	8
248	Forward production of $\pi^0$ mesons in pp collisions at $(\sqrt{s}=7)$ and 8 TeV. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5.4	21
247	Measurement of the forward-backward asymmetry in $Z/\gamma \rightarrow \pi^+ \pi^- \pi^0$ decays and determination of the effective weak mixing angle. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5.4	22
246	First observation and measurement of the branching fraction for the decay $B^0 \rightarrow \pi^+ \pi^- K^0$ . <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5.4	4
245	First measurement of the differential branching fraction and CP asymmetry of the $B^0 \rightarrow \pi^+ \pi^- \pi^0$ decay. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015,	5.4	27
244	Measurement of the time-integrated CP asymmetry in $D^0 \rightarrow K^0 S K^0 S$ decays. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5.4	11
243	Measurement of CP violation parameters and polarisation fractions in $(B_s^0 \rightarrow \overline{J}/\psi \overline{K}^{*0} \pi^0)$ decays. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5.4	12
242	Measurement of forward Z $\rightarrow e^+ e^- \pi^0$ production at $(\sqrt{s}=8)$ TeV. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5.4	17
241	Differential branching fraction and angular analysis of $D^0 \rightarrow \pi^+ \pi^- \pi^0$ decays. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015,	5.4	54
240	Measurement of the time-dependent CP asymmetries in $B^0 \rightarrow \pi^+ \pi^- K^0 S$ . <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015,	5.4	9
239	Search for the decay $(B_s^0 \rightarrow \overline{D}^{*0} \pi^0(980))$ . <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5.4	10
238	Measurement of forward $J/\psi$ production cross-sections in pp collisions at $(\sqrt{s}=13)$ TeV. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5.4	47

237	Observation of the decay $B^0 \rightarrow \rho^0 K^+ K^-$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2015</b> , 747, 484-494	4.2	12
236	Angular analysis and differential branching fraction of the decay $B^0 \rightarrow \rho^0 \pi^+ \pi^-$ . <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5.4	138
235	Measurement of the inelastic pp cross-section at a centre-of-mass energy of $\sqrt{s} = 7$ TeV. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5.4	13
234	Angular analysis of the $B^0 \rightarrow \rho^0 e^+ e^-$ decay in the low- $q^2$ region. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5.4	20
233	Determination of the branching fractions of $B^0 \rightarrow \rho^0 \pi^+ \pi^-$ and $B^0 \rightarrow \rho^0 \pi^+ K^-$ . <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5.4	5
232	Search for long-lived heavy charged particles using a ring imaging Cherenkov technique at LHCb. <i>European Physical Journal C</i> , <b>2015</b> , 75, 595	4.2	8
231	Observation of the $B^0 \rightarrow \rho^0$ decay from an amplitude analysis of $B^0 \rightarrow \rho^0 \pi^+ \pi^-$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2015</b> , 747, 468-478	4.2	9
230	Measurement of the lifetime of the $B_c^+$ meson using the $B_c^+ \rightarrow \mu^+ \nu_\mu$ decay mode. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2015</b> , 742, 29-37	4.2	25
229	Observation of two new $\Lambda_b^0$ baryon resonances. <i>Physical Review Letters</i> , <b>2015</b> , 114, 062004	7.4	35
228	Measurement of the CP-violating phase $\arg(\tau_{B^0 \rightarrow \rho^0 \pi^+ \pi^-})$ and limits on penguin effects. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2015</b> , 742, 38-49	4.2	24
227	Study of $J/\psi$ production and cold nuclear matter effects in pPb collisions at $\sqrt{s_{NN}} = 5$ TeV. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	60
226	Measurement of the $\Lambda_b^0$ and $\Sigma_b^0$ baryon lifetimes. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2014</b> , 736, 154-162	4.2	10
225	Effective lifetime measurements in the $B_s^0 \rightarrow K^+ K^-$ and $B_s^0 \rightarrow K^+ K^0$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2014</b> , 736, 446-454	4.2	9
224	Measurement of the CP-violating phase $\arg(\tau_{B^0 \rightarrow \rho^0 \pi^+ \pi^-})$ in $B^0 \rightarrow \rho^0 \pi^+ \pi^-$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2014</b> , 736, 186-195	4.2	33
223	Evidence for the decay $\Lambda_b^0 \rightarrow \Lambda^0 \pi^0$ . <i>Nuclear Physics B</i> , <b>2014</b> , 886, 665-680	2.8	79
222	Addendum: Observation of double charm production involving open charm in pp collisions at $\sqrt{s} = 7$ TeV. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	27
221	Searches for $(\Lambda_b^0)$ and $(\Xi_b^0)$ decays to $(K_{\text{charm}}^0 \pi^+)$ and $(K_{\text{charm}}^0 \pi^0)$ final states with first observation of the $(\Lambda_b^0 \rightarrow K_{\text{charm}}^0 \pi^+)$ decay. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	18
220	Observation of associated production of a Z boson with a D meson in the forward region. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014,	5.4	7

219	Measurements of the B <sup>+</sup> , B <sup>0</sup> , B <sub>s</sub> <sup>0</sup> meson and Λ <sub>b</sub> <sup>0</sup> baryon lifetimes. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014,	5-4	22
218	Measurement of polarization amplitudes and CP asymmetries in B <sup>0</sup> → K <sup>0</sup> π <sup>0</sup> . <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5-4	8
217	Angular analysis of charged and neutral B → Kπ decays. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5-4	18
216	Evidence for the decay ( B <sub>c</sub> <sup>+</sup> → J/ψ left/ right/ ). <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5-4	16
215	Differential branching fractions and isospin asymmetries of B → K <sup>*</sup> π decays. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5-4	142
214	Measurement of CP asymmetry in D <sup>0</sup> → K <sup>+</sup> π <sup>-</sup> and D <sup>0</sup> → π <sup>+</sup> π <sup>-</sup> decays. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5-4	42
213	Study of ( Upsilon ) production and cold nuclear matter effects in pPb collisions at ( sqrt{s <sub>NN</sub> }) = 5 TeV. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5-4	27
212	Observation of the D <sup>0</sup> → b → fJ/ψπ <sup>0</sup> decay. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5-4	29
211	Observation of the B <sup>0</sup> → fJ/ψK <sup>0</sup> π <sup>0</sup> decay. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5-4	5
210	Study of the kinematic dependences of D <sup>0</sup> → b production in pp collisions and a measurement of the D <sup>0</sup> → b → c branching fraction. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5-4	30
209	Observation of Z production in proton-lead collisions at LHCb. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5-4	15
208	Measurement of Upsilon production in pp collisions at sqrt{s} = 2.76 TeV. <i>European Physical Journal C</i> , <b>2014</b> , 74,	4-2	23
207	Measurement of the [Formula: see text] meson lifetime using [Formula: see text] decays. <i>European Physical Journal C</i> , <b>2014</b> , 74, 2839	4-2	32
206	Measurement of [Formula: see text] polarisation in [Formula: see text] collisions at [Formula: see text] = 7 TeV. <i>European Physical Journal C</i> , <b>2014</b> , 74, 2872	4-2	35
205	Measurement of charged particle multiplicities and densities in [Formula: see text] collisions at [Formula: see text] TeV in the forward region. <i>European Physical Journal C</i> , <b>2014</b> , 74, 2888	4-2	20
204	Search for the decay . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2014</b> , 728, 234-243	4-2	8
203	Search for CP violation in the decay . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2014</b> , 728, 585-595	4-2	15
202	The magnetic distortion calibration system of the LHCb RICH1 detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2014</b> , 735, 44-52	1-2	1

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200	Observation of the resonant character of the $Z(4430)^{-}$ state. <i>Physical Review Letters</i> , <b>2014</b> , 112, 222002	7.4	234
199	Observation of photon polarization in the $b \rightarrow c$ transition. <i>Physical Review Letters</i> , <b>2014</b> , 112, 161801	7.4	29
198	Precision measurement of the ratio of the $B_{s1}^0 \rightarrow K^+ K^- \pi^0$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2014</b> , 734, 122-130	4.2	43
197	Production and spectroscopy at LHCb. <i>EPJ Web of Conferences</i> , <b>2014</b> , 70, 00037	0.3	
196	Measurement of the CP-violating phase $\phi_s$ in $B_s(0) \rightarrow D_s(+/-) D_s(-/+)$ decays. <i>Physical Review Letters</i> , <b>2014</b> , 113, 211801	7.4	17
195	Measurement of CP violation parameters in $B_0 \rightarrow D K^0$ decays. <i>Physical Review D</i> , <b>2014</b> , 90,	4.9	11
194	Measurements of CP violation in the three-body phase space of charmless $B \rightarrow \pi \pi$ decays. <i>Physical Review D</i> , <b>2014</b> , 90,	4.9	47
193	Updated measurements of exclusive $J/\psi$ and $\psi(2S)$ production cross-sections in pp collisions at $\sqrt{s}=7$ TeV. <i>Journal of Physics G: Nuclear and Particle Physics</i> , <b>2014</b> , 41, 055002	2.9	83
192	Measurement of CP asymmetries in the decays $B^0 \rightarrow K^+ K^- \pi^0$ and $B^+ \rightarrow K^+ K^- \pi^+$ . <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014,	5.4	15
191	Observation of $B_{s1}^0 \rightarrow K^+ K^- \pi^0$ and evidence for $B_{s1}^0 \rightarrow K^+ K^- \pi^+$ decays. <i>New Journal of Physics</i> , <b>2014</b> , 16, 123001	2.9	6
190	Measurement of CP violation and constraints on the CKM angle $\sin 2\beta$ with $D \rightarrow K S$ decays. <i>Nuclear Physics B</i> , <b>2014</b> , 888, 169-193	2.8	13
189	Measurement of the $B \rightarrow B^0$ and $B \rightarrow B_s^0$ production asymmetries in pp collisions at $\sqrt{s}=7$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2014</b> , 739, 218-228	4.2	22
188	First measurement of the charge asymmetry in beauty-quark pair production. <i>Physical Review Letters</i> , <b>2014</b> , 113, 082003	7.4	15
187	Evidence for CP violation in $B^+ \rightarrow \rho^+ K^+$ decays. <i>Physical Review Letters</i> , <b>2014</b> , 113, 141801	7.4	14
186	First observation of a baryonic $B_c^+$ decay. <i>Physical Review Letters</i> , <b>2014</b> , 113, 152003	7.4	24
185	Measurement of resonant and CP components in $B \rightarrow \rho \pi$ decays. <i>Physical Review D</i> , <b>2014</b> , 89,	4.9	54
184	Search for Majorana neutrinos in $B^- \rightarrow \mu^- \bar{\nu}_\mu$ decays. <i>Physical Review Letters</i> , <b>2014</b> , 112, 131802	7.4	70

183	Measurement of the $B_{\text{c}}^{\pm}$ meson lifetime in $D_{\text{s}}^{\pm}$ decays. <i>Physical Review Letters</i> , <b>2014</b> , 113, 172001	7.4	10
182	Measurement of CP violation in the phase space of $B_{\text{c}}^{\pm} \rightarrow K^{\pm} K^{\mp}$ and $B_{\text{c}}^{\pm} \rightarrow \pi^{\pm} \pi^{\mp}$ decays. <i>Physical Review Letters</i> , <b>2014</b> , 112, 011801	7.4	61
181	Measurement of the resonant and CP components in $B_{\text{c}}^{\pm} \rightarrow \rho^{\pm} \pi^{\mp}$ decays. <i>Physical Review D</i> , <b>2014</b> , 90,	4.9	52
180	Observation of overlapping spin-1 and spin-3 $D_{\text{0K}}^{-}$ resonances at mass 2.86 GeV/c <sup>2</sup> . <i>Physical Review Letters</i> , <b>2014</b> , 113, 162001	7.4	61
179	Measurement of the $B_{\text{s}}(0) \rightarrow D_{\text{s}}^{-} D_{\text{s}}^{+}$ and $B_{\text{s}}(0) \rightarrow D^{-} D^{+}$ effective lifetimes. <i>Physical Review Letters</i> , <b>2014</b> , 112, 111802	7.4	12
178	Dalitz plot analysis of $B_{\text{s}}^0 \rightarrow D_{\text{0K}}^{\pm}$ decays. <i>Physical Review D</i> , <b>2014</b> , 90,	4.9	70
177	Measurements of indirect CP asymmetries in $D_{\text{0}} \rightarrow K^{\pm} K^{\mp}$ and $D_{\text{0}} \rightarrow \pi^{\pm} \pi^{\mp}$ decays. <i>Physical Review Letters</i> , <b>2014</b> , 112, 041801	7.4	18
176	Precision measurement of the mass and lifetime of the $\Lambda_{\text{b}}(0)$ baryon. <i>Physical Review Letters</i> , <b>2014</b> , 113, 032001	7.4	30
175	Test of lepton universality using $b^{\pm} \rightarrow K^{\pm} \pi^{\mp}$ decays. <i>Physical Review Letters</i> , <b>2014</b> , 113, 151601	7.4	542
174	Precision measurement of the mass and lifetime of the $\Lambda_{\text{b}}^0$ baryon. <i>Physical Review Letters</i> , <b>2014</b> , 113, 242002	7.4	26
173	Measurement of CP violation in $B_{\text{s}}^0 \rightarrow \rho^{\pm} \pi^{\mp}$ decays. <i>Physical Review D</i> , <b>2014</b> , 90,	4.9	13
172	Study of Beauty Hadron Decays into Pairs of Charm Hadrons. <i>Physical Review Letters</i> , <b>2014</b> , 112,	7.4	21
171	Observation of $B_{\text{s}}(0) \rightarrow J/\psi f_1(1285)$ decays and measurement of the $f_1(1285)$ mixing angle. <i>Physical Review Letters</i> , <b>2014</b> , 112, 091802	7.4	17
170	Measurement of the ratio of $B_{\text{c}}^{+}$ branching fractions to $J/\psi$ and $J/\psi$ final states. <i>Physical Review D</i> , <b>2014</b> , 90,	4.9	23
169	Studies of beauty baryon decays to $D_{\text{0}}^{\pm} \pi^{\mp}$ and $\pi^{\pm} h^{\mp}$ final states. <i>Physical Review D</i> , <b>2014</b> , 89,	4.9	25
168	Observation of charmonium pairs produced exclusively in $\text{pp}$ collisions. <i>Journal of Physics G: Nuclear and Particle Physics</i> , <b>2014</b> , 41, 115002	2.9	10
167	Study of $\chi_{\text{c}}^{\pm}$ meson production in $\text{pp}$ collisions at $\sqrt{s} = 7$ and $8$ TeV. <i>European Physical Journal C</i> , <b>2014</b> , 74,	4.2	33
166	A method to measure the absolute branching fractions of $(\Lambda_{\text{c}})$ decays. <i>European Physical Journal C</i> , <b>2014</b> , 74, 1	4.2	2

165	Search for CP violation using T-odd correlations in $D^0 \rightarrow K^+ K^-$ decays. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5-4	16
164	Search for CP violation in $D^0 \rightarrow K^+ K^-$ and $D^0 \rightarrow K^+ K^0$ decays. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5-4	8
163	First observations of the rare decays $B^+ \rightarrow K^+ \mu^+ \mu^-$ and $B^+ \rightarrow K^+ \tau^+ \tau^-$ . <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5-4	7
162	Measurement of the $\Upsilon(3P)$ mass and of the relative rate of $\Upsilon(1P)$ and $\Upsilon(2P)$ production. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5-4	17
161	Measurement of the CKM angle $\beta$ using $B^0 \rightarrow D^+ K^-$ with $D^+ \rightarrow K^+ S^0$ or $D^+ \rightarrow K^+ K^+ K^-$ decays. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5-4	19
160	Measurement of CP asymmetry in $B^0 \rightarrow D^+ K^-$ decays. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5-4	10
159	Measurement of the forward W boson cross-section in pp collisions at ( $\sqrt{s}=7$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5-4	14
158	Measurement of the flavour-specific CP-violating asymmetry. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2014</b> , 728, 607-615	4-2	31
157	A study of CP violation in $B^0 \rightarrow D^+ K^-$ and $B^0 \rightarrow D^+ \pi^-$ decays with $D^+ \rightarrow K^+ K^0$ final states. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2014</b> , 733, 36-45	4-2	12
156	Study of forward Z + jet production in pp collisions at ( $\sqrt{s}$ ) = 7 TeV. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5-4	20
155	Differential branching fraction and angular analysis of the decay $(B_s^0 \rightarrow \tau^+ \tau^-)$ . <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5-4	86
154	Search for CP violation in $D^+ \rightarrow \tau^+ \pi^0$ and $(D_s^+ \rightarrow K_S^0 \pi^+)$ decays. <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5-4	14
153	Precision measurement of D meson mass differences. <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5-4	48
152	Production of $J/\psi$ and ( $\Upsilon$ ) mesons in pp collisions at ( $\sqrt{s}=8$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5-4	58
151	Measurement of the $B^0 \rightarrow K^+ e^- e^+$ branching fraction at low dilepton mass. <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5-4	22
150	Limits on neutral Higgs boson production in the forward region in pp collisions at ( $\sqrt{s}=7$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5-4	4
149	Measurement of the fragmentation fraction ratio $f_s/f_d$ and its dependence on B meson kinematics. <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5-4	78
148	Measurement of CP observables in $B^0 \rightarrow D^+ K^-$ with $D^+ \rightarrow K^+ \pi^0$ . <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5-4	6

147	Measurement of the cross-section for $Z \rightarrow e^+e^-$ production in pp collisions at $\sqrt{s}=7$ TeV. <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5-4	43
146	Differential branching fraction and angular analysis of the $B \rightarrow K^* \mu^+ \mu^-$ decay. <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5-4	63
145	First evidence for the annihilation decay mode $B^+ \rightarrow D_s^+ \pi^0$ . <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013,	5-4	13
144	Measurement of $J/\psi$ production in pp collisions at $\sqrt{s}=2.76$ TeV. <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5-4	28
143	Measurement of the forward energy flow in collisions at [Formula: see text]. <i>European Physical Journal C</i> , <b>2013</b> , 73, 2421	4-2	17
142	Performance of the LHCb RICH detector at the LHC. <i>European Physical Journal C</i> , <b>2013</b> , 73, 2431	4-2	275
141	Measurements of the branching fractions of [Formula: see text] decays. <i>European Physical Journal C</i> , <b>2013</b> , 73, 2462	4-2	19
140	Search for $D(s) \rightarrow \mu^+ \mu^-$ and $D(s) \rightarrow \mu^+ \mu^-$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2013</b> , 724, 203-212	4-2	30
139	Model-independent search for CP violation in $B \rightarrow K^* \mu^+ \mu^-$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2013</b> , 726, 623-633	4-2	19
138	Measurement of the time-dependent CP asymmetry in $B^0 \rightarrow K_S^0 \mu^+ \mu^-$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2013</b> , 721, 24-31	4-2	11
137	Branching fraction and CP asymmetry of the decays $B^+ \rightarrow K_S^0 \mu^+ \mu^-$ and $B^+ \rightarrow K_S^0 K^+ \mu^-$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2013</b> , 726, 646-655	4-2	9
136	First measurement of time-dependent CP violation in $(B_s^0 \rightarrow K^+ K^-)$ decays. <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5-4	25
135	Study of $B_{(s)}^0 \rightarrow K_{(S)}^0 h^+ h^-$ decays with first observation of $B_s^0 \rightarrow K_{(S)}^0 K^{\pm} \pi^{\mp}$ and $B_s^0 \rightarrow K_{(S)}^0 \pi^+ \pi^-$ . <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013,	5-4	14
134	Measurement of the relative rate of prompt $\Lambda_b^0$ , $\Lambda_b^+$ and $\Lambda_b^0$ production at $\sqrt{s}=7$ TeV. <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5-4	31
133	First evidence for the two-body charmless baryonic decay $B^0 \rightarrow \overline{p} \pi^+$ . <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013,	5-4	7
132	Study of $D$ meson decays to $D^+ \pi^0$ and $D^{*+} \pi^0$ final states in pp collisions. <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5-4	69
131	First observation of the decay $(B_c^+ \rightarrow \{J/\psi K^+\} \overline{p})$ . <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5-4	36
130	Searches for $(B_{(s)}^0 \rightarrow \{J/\psi \pi\} \overline{p})$ and $B \rightarrow f_1 \pi$ ( $\overline{p}$ ) decays. <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5-4	6

129	Differential branching fraction and angular analysis of the decay $B^0 \rightarrow K^* K^0$ . <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5.4	99
128	Measurement of B meson production cross-sections in proton-proton collisions at $(\sqrt{s}=7)$ TeV. <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5.4	45
127	Implications of LHCb measurements and future prospects. <i>European Physical Journal C</i> , <b>2013</b> , 73, 1	4.2	116
126	Observation of $B^0 \rightarrow \overline{B}^0$ mixing and measurement of mixing frequencies using semileptonic B decays. <i>European Physical Journal C</i> , <b>2013</b> , 73,	4.2	14
125	Search for the doubly charmed baryon ( $\Xi_{cc}^{++}$ ). <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5.4	41
124	Measurement of $\Lambda$ polarization in collisions at [Formula: see text]. <i>European Physical Journal C</i> , <b>2013</b> , 73, 2631	4.2	87
123	Observation of the decay $(B_c^{++}) \rightarrow J/\psi + K^+$ . <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5.4	20
122	First observation of the decay $(B_s^0 \rightarrow \phi \overline{K}^{*0})$ . <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5.4	7
121	First evidence for the decay $B(s)0 \rightarrow \mu^+ \mu^-$ . <i>Physical Review Letters</i> , <b>2013</b> , 110, 021801	7.4	263
120	First observation of CP violation in the decays of B(s)0 mesons. <i>Physical Review Letters</i> , <b>2013</b> , 110, 221601	7.4	78
119	Search for the rare decay $(K_{\text{S}}^0 \rightarrow \mu^+ \mu^-)$ . <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5.4	10
118	A study of the Z production cross-section in pp collisions at $(\sqrt{s}=7, \text{TeV})$ using tau final states. <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5.4	13
117	Measurement of the ratio of branching fractions $B(B^0 \rightarrow K^0)/B(B^0 \rightarrow \pi^0)$ and the direct CP asymmetry in $B^0 \rightarrow K^0$ . <i>Nuclear Physics B</i> , <b>2013</b> , 867, 1-18	2.8	29
116	Measurement of the effective $\alpha_s$ . <i>Nuclear Physics B</i> , <b>2013</b> , 873, 275-292	2.8	10
115	Prompt charm production in pp collisions at $\sqrt{s}=7$ . <i>Nuclear Physics B</i> , <b>2013</b> , 871, 1-20	2.8	163
114	Observation of the suppressed ADS modes $B \rightarrow D^* \pi$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2013</b> , 723, 44-53	4.2	14
113	Measurement of the CKM angle $\Gamma$ from a combination of $B \rightarrow D^* h$ analyses. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2013</b> , 726, 151-163	4.2	33
112	Measurement of the $B^0 \rightarrow D^0$ oscillation frequency $\Gamma$ with the decays $B^0 \rightarrow D^* \pi$ and $B^0 \rightarrow \pi^0$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2013</b> , 719, 318-325	4.2	15

111	Search for direct CP violation in $B \rightarrow \pi\pi$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2013</b> , 723, 33-43	4.2	29
110	Measurements of the $B^0 \rightarrow \pi^0\pi^0$ decay amplitudes and the $B^0$ polarisation in pp collisions at $\sqrt{s}=7$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2013</b> , 724, 27-35	4.2	41
109	Observation of the decay $B_s^0 \rightarrow \pi^0\pi^0$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2013</b> , 727, 403-411	4.2	13
108	Search for the rare decay $D^0 \rightarrow \pi^0\pi^0$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2013</b> , 725, 15-24	4.2	23
107	Measurement of the differential branching fraction of the decay $B^0 \rightarrow \pi^0\pi^0$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2013</b> , 725, 25-35	4.2	29
106	Evidence for the decay $B^0 \rightarrow \pi^0\pi^0$ and measurement of the relative branching fractions of $B_s^0$ meson decays to $J/\psi\pi^0$ and $J/\psi\pi^+$ . <i>Nuclear Physics B</i> , <b>2013</b> , 867, 547-566	2.8	25
105	Searches for violation of lepton flavour and baryon number in tau lepton decays at LHCb. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2013</b> , 724, 36-45	4.2	27
104	Observation of $B^0 \rightarrow \pi^0\pi^0$ . <i>Nuclear Physics B</i> , <b>2013</b> , 874, 663-678	2.8	8
103	Observation of $D^0$ - $\bar{D}^0$ oscillations. <i>Physical Review Letters</i> , <b>2013</b> , 110, 101802	7.4	45
102	Observations of $B^0 \rightarrow \pi^0\pi^0$ . <i>Nuclear Physics B</i> , <b>2013</b> , 871, 403-419	2.8	16
101	Measurement of the $B^0 \rightarrow \pi^0\pi^0$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2013</b> , 718, 902-909	4.2	31
100	Precision measurement of the $B^0$ oscillation frequency with the decay $B^0 \rightarrow \pi^0\pi^0$ . <i>New Journal of Physics</i> , <b>2013</b> , 15, 053021	2.9	49
99	Exclusive $J/\psi$ and $\psi(2S)$ production in pp collisions at $\sqrt{s} = 7$ TeV. <i>Journal of Physics G: Nuclear and Particle Physics</i> , <b>2013</b> , 40, 045001	2.9	85
98	Search for the lepton-flavor-violating decays $B(s) \rightarrow \ell^+\ell^-\pi^0$ and $B \rightarrow \ell^+\ell^-\pi^0$ . <i>Physical Review Letters</i> , <b>2013</b> , 111, 141801	7.4	25
97	Precision measurement of the $\Lambda_b(0)$ baryon lifetime. <i>Physical Review Letters</i> , <b>2013</b> , 111, 102003	7.4	32
96	Measurement of CP violation and the $B_s^0$ meson decay width difference with $B_s^0 \rightarrow \pi^0 K^0$ and $B_s^0 \rightarrow \pi^0\pi^0$ decays. <i>Physical Review D</i> , <b>2013</b> , 87,	4.9	66
95	Measurement of $D^0$ - $\bar{D}^0$ mixing parameters and search for CP violation using $D^0 \rightarrow K^+ K^-$ decays. <i>Physical Review Letters</i> , <b>2013</b> , 111, 251801	7.4	34
94	First observations of $B^0 \rightarrow \pi^0 D^0$ and $D^0 \rightarrow \pi^0 D^0$ decays. <i>Physical Review D</i> , <b>2013</b> , 87,	4.9	19

93	Measurement of the $\Gamma(b)(0)$ , $\Gamma(b)(-)$ , and $\Gamma(b)(-)$ Baryon masses. <i>Physical Review Letters</i> , <b>2013</b> , 110, 182001	7.4	57
92	Measurement of the CP asymmetry in $B(+)-K(+)\pi(+)\pi(-)$ decays. <i>Physical Review Letters</i> , <b>2013</b> , 111, 151801	7.4	11
91	First measurement of the CP-violating phase in $B_s(0)-\pi^+\pi^-$ decays. <i>Physical Review Letters</i> , <b>2013</b> , 110, 241802	7.4	14
90	Determination of the $X(3872)$ meson quantum numbers. <i>Physical Review Letters</i> , <b>2013</b> , 110, 222001	7.4	234
89	Measurement of the branching fractions of the decays $B_s(0)-D^+K^-$ and $B(0)-D^+K^+$ <i>Physical Review D</i> , <b>2013</b> , 87,	4.9	16
88	Analysis of the resonant components in $B(0)-\pi^+\pi^0$ <i>Physical Review D</i> , <b>2013</b> , 87,	4.9	49
87	Observation of the decay $B(c)(+)-\pi^+B(s)(0)$ . <i>Physical Review Letters</i> , <b>2013</b> , 111, 181801	7.4	55
86	Search for the decay $B_s(0)-D^*\pi^0$ . <i>Physical Review D</i> , <b>2013</b> , 87,	4.9	6
85	Measurement of the polarization amplitudes in $B(0)-\pi^+K^*(892)0$ decays. <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	15
84	Measurement of CP violation in the phase space of $B^+-K^0\pi^+\pi^-$ and $B^+-K^0K^+K^-$ decays. <i>Physical Review Letters</i> , <b>2013</b> , 111, 101801	7.4	70
83	Observation of the decay $B_c(+)-\pi^+D_s^-$ . <i>Physical Review D</i> , <b>2013</b> , 87,	4.9	28
82	Measurement of form-factor-independent observables in the decay $B(0)-K^*(0)\pi^+\pi^-$ . <i>Physical Review Letters</i> , <b>2013</b> , 111, 191801	7.4	314
81	Observation of $B_c(+)-\pi^+D_s^+$ and $B_c(+)-\pi^+D_s^{*+}$ decays. <i>Physical Review D</i> , <b>2013</b> , 87,	4.9	46
80	Study of $B(0)-D^*\pi^0$ and $B(0)-D^*K^+$ decays. <i>Physical Review D</i> , <b>2013</b> , 87,	4.9	9
79	Measurement of the CP asymmetry in $B(0)-K^*(0)\pi^+\pi^-$ decays. <i>Physical Review Letters</i> , <b>2013</b> , 110, 031801	7.4	21
78	Studies of the decays $B^+-\rho^+\pi^+$ and observation of $B^+-\rho(1520)\pi^+$ . <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	11
77	Observation of a resonance in $B^+-K^+\pi^0$ decays at low recoil. <i>Physical Review Letters</i> , <b>2013</b> , 111, 112003	7.4	43
76	Amplitude analysis and branching fraction measurement of $B(0)-\pi^+K^0$ <i>Physical Review D</i> , <b>2013</b> , 87,	4.9	32

75	First observation of the decay $B_s^{*2}(5840)(0)^- \rightarrow B^{*+} K^-$ and studies of excited $B_s(0)$ mesons. <i>Physical Review Letters</i> , <b>2013</b> , 110, 151803	7.4	42
74	First observation of $B^0 \rightarrow \beta/\bar{K}^0$ and search for $B^0 \rightarrow \beta/\bar{K}^0$ decays. <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	14
73	Measurement of the $B_s(0) \rightarrow \beta/\bar{K}^0$ branching fraction and search for $B(0) \rightarrow \beta/\bar{K}^0$ decays at the LHCb experiment. <i>Physical Review Letters</i> , <b>2013</b> , 111, 101805	7.4	221
72	Search for rare $B(0) \rightarrow \beta/\bar{K}^0$ decays. <i>Physical Review Letters</i> , <b>2013</b> , 110, 211801	7.4	14
71	Studies of soft QCD at LHCb. <i>EPJ Web of Conferences</i> , <b>2013</b> , 49, 16002	0.3	
70	Observation of $B^0 \rightarrow \beta/\bar{K}^0$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2012</b> , 707, 52-59	4.2	104
69	Measurement of the effective $B_s^0 \rightarrow \beta/\bar{K}^0$ lifetime. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2012</b> , 707, 349-356	4.2	16
68	Measurement of the CP violating phase $\phi_1$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2012</b> , 707, 497-505	4.2	34
67	Search for the rare decays $B^0 \rightarrow \beta/\bar{K}^0$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2012</b> , 708, 55-67	4.2	29
66	Measurement of b-hadron masses. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2012</b> , 708, 241-248	4.2	55
65	First observation of the decay $B^0 \rightarrow \beta/\bar{K}^0$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2012</b> , 709, 50-58	4.2	22
64	Measurement of the $B_s^0 \rightarrow B^0$ oscillation frequency $\Delta m_s$ in $B_s^0 \rightarrow D_s(B)$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2012</b> , 709, 177-184	4.2	42
63	Observation of CP violation in $B^0 \rightarrow D^0$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2012</b> , 712, 203-212	4.2	69
62	Measurement of charged particle multiplicities in pp collisions at ( $\sqrt{s} = 7 \text{ TeV}$ ) in the forward region. <i>European Physical Journal C</i> , <b>2012</b> , 72, 1	4.2	24
61	Observation of X(3872) production in pp collisions at ( $\sqrt{s} = 7 \text{ TeV}$ ). <i>European Physical Journal C</i> , <b>2012</b> , 72, 1	4.2	121
60	Opposite-side flavour tagging of mesons at the LHCb experiment. <i>European Physical Journal C</i> , <b>2012</b> , 72, 2022	4.2	39
59	Measurement of production in collisions at [Formula: see text]. <i>European Physical Journal C</i> , <b>2012</b> , 72, 2025	4.2	83
58	Measurement of the $B^0$ production cross-section in pp collisions at ( $\sqrt{s} = 7 \text{ TeV}$ ). <i>Journal of High Energy Physics</i> , <b>2012</b> , 2012, 1	5.4	19

57	Measurements of the branching fractions of the decays $B_s^0 \rightarrow D_s^{\pm} \pi^{\mp} K^{\pm}$ and $B_s^0 \rightarrow D_s^{\pm} \pi^{\mp} K^{\pm}$ . <i>Journal of High Energy Physics</i> , <b>2012</b> , 2012,	5-4	15
56	Observation of double charm production involving open charm in pp collisions at $\sqrt{s} = 7$ ; $\sqrt{s} = 7$ ; $\sqrt{s} = 7$ TeV). <i>Journal of High Energy Physics</i> , <b>2012</b> , 2012, 1	5-4	86
55	Measurement of the isospin asymmetry in $B \rightarrow K^* \pi$ decays. <i>Journal of High Energy Physics</i> , <b>2012</b> , 2012, 1	5-4	59
54	Measurement of b-hadron branching fractions for two-body decays into charmless charged hadrons. <i>Journal of High Energy Physics</i> , <b>2012</b> , 2012,	5-4	51
53	Study of $D_s$ decays to $D^+ K_{\text{strange}}^0$ and $D^0 K^+$ final states in pp collisions. <i>Journal of High Energy Physics</i> , <b>2012</b> , 2012,	5-4	24
52	Measurement of the fraction of $\Lambda(1520)$ originating from $B(1P)$ decays in pp collisions at $\sqrt{s} = 7$ TeV). <i>Journal of High Energy Physics</i> , <b>2012</b> , 2012, 1	5-4	17
51	First observation of the decay $B \rightarrow \pi^+ \pi^- \pi^0$ . <i>Journal of High Energy Physics</i> , <b>2012</b> , 2012, 1	5-4	35
50	Evidence for CP violation in time-integrated $D^0 \rightarrow \pi^+ \pi^-$ decay rates. <i>Physical Review Letters</i> , <b>2012</b> , 108, 111602	7-4	150
49	Measurements of the branching fractions and CP asymmetries of $B \rightarrow \pi^0 \pi^0$ and $B \rightarrow \pi^0 \pi^0$ decays. <i>Physical Review D</i> , <b>2012</b> , 85,	4-9	19
48	First evidence of direct CP violation in charmless two-body decays of $B_s^0$ mesons. <i>Physical Review Letters</i> , <b>2012</b> , 108, 201601	7-4	43
47	Measurement of the ratio of branching fractions $B(B \rightarrow K^* \pi) / B(B \rightarrow \pi \pi)$ . <i>Physical Review D</i> , <b>2012</b> , 85,	4-9	12
46	Searches for Majorana neutrinos in $B$ decays. <i>Physical Review D</i> , <b>2012</b> , 85,	4-9	47
45	Measurement of b hadron production fractions in 7 TeV pp collisions. <i>Physical Review D</i> , <b>2012</b> , 85,	4-9	105
44	Measurement of the $\alpha_s$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2012</b> , 713, 172-179	4-2	12
43	Measurement of the $\alpha_s$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2012</b> , 713, 186-195	4-2	33
42	Measurement of the polarization amplitudes and triple product asymmetries in the $B \rightarrow \pi^0 \pi^0$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2012</b> , 713, 369-377	4-2	13
41	Measurement of the CP-violating phase $\alpha_s$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2012</b> , 713, 378-386	4-2	31
40	Measurement of the cross-section ratio $\sigma(B \rightarrow \pi^0 \pi^0) / \sigma(B \rightarrow \pi^+ \pi^-)$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2012</b> , 714, 215-223	4-2	41

39	Measurement of $(2)$ meson production in collisions at [Formula: see text]. <i>European Physical Journal C</i> , <b>2012</b> , 72, 2100	4.2	63
38	Measurement of relative branching fractions of decays to $(2)$ and $/$ mesons. <i>European Physical Journal C</i> , <b>2012</b> , 72, 2118	4.2	18
37	Measurement of prompt hadron production ratios in pp collisions at $(\sqrt{s} = 0.9 \text{ TeV})$ and $(\sqrt{s} = 7 \text{ TeV})$ . <i>European Physical Journal C</i> , <b>2012</b> , 72, 1	4.2	23
36	Measurement of the effective $\beta$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2012</b> , 716, 393-400	4.2	10
35	A model-independent Dalitz plot analysis of $B \rightarrow \pi \pi$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2012</b> , 718, 43-55	4.2	20
34	Measurement of the ratio of prompt $B$ production. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2012</b> , 718, 431-440	4.2	42
33	Measurement of mixing and CP violation parameters in two-body charm decays. <i>Journal of High Energy Physics</i> , <b>2012</b> , 2012, 1	5.4	22
32	Inclusive W and Z production in the forward region at $(\sqrt{s} = 7 \text{ TeV})$ . <i>Journal of High Energy Physics</i> , <b>2012</b> , 2012, 1	5.4	60
31	First observation of the decay $B(c) \rightarrow \pi \pi$ . <i>Physical Review Letters</i> , <b>2012</b> , 108, 251802	7.4	50
30	Differential branching fraction and angular analysis of the decay $B^0 \rightarrow \pi^+ \pi^-$ . <i>Physical Review Letters</i> , <b>2012</b> , 108, 181806	7.4	39
29	Measurement of the $B_s(0)$ effective lifetime in the $J/\psi(980)$ final state. <i>Physical Review Letters</i> , <b>2012</b> , 109, 152002	7.4	14
28	First observation of the decays $B(0) \rightarrow \pi^+ K^-(\pi^+ \pi^-)$ and $B(-) \rightarrow \pi^0 K^-(\pi^+ \pi^-)$ . <i>Physical Review Letters</i> , <b>2012</b> , 108, 161801	7.4	8
27	Observation of excited $(\Lambda_b)(0)$ baryons. <i>Physical Review Letters</i> , <b>2012</b> , 109, 172003	7.4	68
26	Analysis of the resonant components in $B_s^0 \rightarrow \pi^+ \pi^-$ . <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	59
25	Determination of the sign of the decay width difference in the $B(s)(0)$ system. <i>Physical Review Letters</i> , <b>2012</b> , 108, 241801	7.4	55
24	Measurement of the $B_s^0 \rightarrow \pi^+ \pi^-$ branching fraction and angular amplitudes. <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	17
23	Strong constraints on the rare decays $B(s)(0) \rightarrow \pi^+ \pi^-$ and $B^0 \rightarrow \pi^+ \pi^-$ . <i>Physical Review Letters</i> , <b>2012</b> , 108, 231801	7.4	144
22	Search for lepton number violating decays $B^+ \rightarrow \pi^+ \mu^+ \mu^-$ and $B^+ \rightarrow \pi^+ K^- \mu^+ \mu^-$ . <i>Physical Review Letters</i> , <b>2012</b> , 108, 101601	7.4	35

21	Measurement of the CP-violating phase $\gamma(s)$ in the decay $B(s)(0) \rightarrow J/\psi K^0$ . <i>Physical Review Letters</i> , <b>2012</b> , 108, 101803	7.4	95
20	Search for the $X(4140)$ state in $B \rightarrow \psi K^+$ decays. <i>Physical Review D</i> , <b>2012</b> , 85,	4.9	55
19	First observation of the decays $B^0 \rightarrow D_s^+ K^-$ and $B^0 \rightarrow D_s^+ K^-$ . <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	9
18	Measurements of $B(c)^+$ production and mass with the $B(c)^+ \rightarrow J/\psi$ decay. <i>Physical Review Letters</i> , <b>2012</b> , 109, 232001	7.4	53
17	Observation of $B^0 \rightarrow D^0 K^+ K^-$ and evidence for $B(s)(0) \rightarrow D^0 K^+ K^-$ . <i>Physical Review Letters</i> , <b>2012</b> , 109, 131801	7.4	22
16	Publisher's Note: Evidence for CP Violation in Time-Integrated $D^0 \rightarrow \pi^+ \pi^-$ decay rates [Phys. Rev. Lett. 108, 111602 (2012)]. <i>Physical Review Letters</i> , <b>2012</b> , 108,	7.4	2
15	Observation of $B(s)(0) \rightarrow J/\psi(2)^0(1525)$ in $J/\psi K^-$ final states. <i>Physical Review Letters</i> , <b>2012</b> , 108, 151801	7.4	16
14	Observation of double charm production involving open charm in pp collisions at $\sqrt{s} = 7$ TeV. <i>Physical Review Letters</i> , <b>2012</b> , 2012, 1		2
13	Measurement of the inclusive $\gamma$ cross-section in pp collisions at $\sqrt{s} = 7$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2011</b> , 703, 267-273	4.2	18
12	First observation of the decay $B^0 \rightarrow D^0 K^+ K^-$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2011</b> , 706, 32-39	4.2	14
11	Measurement of $J/\psi$ production in pp collisions at $\sqrt{s} = 7$ TeV. <i>European Physical Journal C</i> , <b>2011</b> , 71, 1	4.2	216
10	Measurement of $V_0$ production ratios in pp collisions at $\sqrt{s} = 0.9$ TeV and 7 TeV. <i>Journal of High Energy Physics</i> , <b>2011</b> , 2011, 1	5.4	12
9	Search for CP violation in $D^+ \rightarrow K^+ \pi^0$ decays. <i>Physical Review D</i> , <b>2011</b> , 84,	4.9	17
8	First observation of $B^0 \rightarrow D_s^+ X^-$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2011</b> , 698, 14-20	4.2	25
7	First observation of $B_s^0 \rightarrow \psi(980)$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2011</b> , 698, 115-122	4.2	66
6	Search for the rare decays $B_s^0 \rightarrow \pi^+ \pi^-$ and $B^0 \rightarrow \pi^+ \pi^-$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2011</b> , 699, 330-340	4.2	58
5	Measurements of the branching fractions for $B(s) \rightarrow D^0 K^+$ and $B^0 \rightarrow D^+ K^-$ . <i>Physical Review D</i> , <b>2011</b> , 84,	4.9	20
4	Determination of $f(s)/f(d)$ for 7 TeV pp collisions and measurement of the $B^0 \rightarrow D^+ K^-$ branching fraction. <i>Physical Review Letters</i> , <b>2011</b> , 107, 211801	7.4	23

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2	Measurement of . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2010</b> , 694, 209-216	4.2	107
1	Observation of an exotic narrow doubly charmed tetraquark. <i>Nature Physics</i> ,	16.2	3