

Juan Jos Saborido Silva

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.

519
papers

19,265
citations

66
h-index

115
g-index

530
ext. papers

22,587
ext. citations

5.3
avg, IF

5.99
L-index

#	Paper	IF	Citations
519	Search for the Rare Decays $B_{s1}^0 \rightarrow e^+ e^-$ and $B^0 \rightarrow e^+ e^-$. <i>Physical Review Letters</i> , 2020 , 124, 211802	7.4	4
518	Test of lepton universality with $(\Lambda_b^0 \rightarrow p K^+ \ell^+ \ell^-)$ decays. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	12
517	First Observation of Excited χ_{b1}^0 States. <i>Physical Review Letters</i> , 2020 , 124, 082002	7.4	18
516	Measurement of CP observables in $B_{d1}^0 \rightarrow D^+ K^-$ and $B_{d1}^0 \rightarrow D^+ \pi^-$ with $D^+ \rightarrow K^+ K^0$ ($\pi^+ \pi^0$) decays. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	2
515	Precision measurement of the (χ_{cc}^{++}) mass. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	11
514	Measurement of χ_{cc}^{++} production in pp collisions at $\sqrt{s}=13$ TeV. <i>Chinese Physics C</i> , 2020 , 44, 022001	2.2	4
513	Amplitude analysis of the $B^+ \rightarrow \pi^+ \pi^0$ decay. <i>Physical Review D</i> , 2020 , 101,	4.9	19
512	Observation of Several Sources of CP Violation in $B^+ \rightarrow \pi^+ \pi^0$ Decays. <i>Physical Review Letters</i> , 2020 , 124, 031801	7.4	18
511	Measurement of $ V_{cb} $ with $B_{s1}^0 \rightarrow D_s^+ \pi^-$ decays. <i>Physical Review D</i> , 2020 , 101,	4.9	6
510	Observation of the semileptonic decay $B^+ \rightarrow \overline{p} \mu^+ \nu_{\mu}$. <i>Journal of High Energy Physics</i> , 2020 , 2020,	5.4	1
509	Measurement of CP violation in $B^0 \rightarrow D^+ D^-$ decays. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	0
508	Search for the doubly charmed baryon (χ_{cc}^{++}) . <i>Science China: Physics, Mechanics and Astronomy</i> , 2020 , 63, 1	3.6	13
507	Updated measurement of decay-time-dependent CP asymmetries in $D^0 \rightarrow K^+ K^-$ and $D^0 \rightarrow \pi^+ \pi^-$ decays. <i>Physical Review D</i> , 2020 , 101,	4.9	5
506	Isospin Amplitudes in $B^0 \rightarrow \pi^+ \pi^-$ and $B^0 \rightarrow \pi^0 \pi^0$ Decays. <i>Physical Review Letters</i> , 2020 , 124, 111802	7.4	2
505	Measurement of f_{s1}/f_u Variation with Proton-Proton Collision Energy and B-Meson Kinematics. <i>Physical Review Letters</i> , 2020 , 124, 122002	7.4	7
504	Search for $A^0 \rightarrow \pi^+ \pi^-$ Decays. <i>Physical Review Letters</i> , 2020 , 124, 041801	7.4	60
503	Measurement of b hadron fractions in 13 TeV pp collisions. <i>Physical Review D</i> , 2019 , 100,	4.9	26

502	Measurement of the relative $B_{D^0}/D^{*0}/D^{*0}$ branching fractions using B mesons from B_{tag}^{*0} decays. <i>Physical Review D</i> , 2019 , 99,	4.9	2
501	Measurement of CP observables in the process $B_0 \rightarrow DK^0$ with two- and four-body D decays. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	1
500	Search for the rare decay $(\{B^+\}) \rightarrow \{\mu^+\} \{\mu^-\} \{\mu^+\} \{\nu_{\mu}\}$. <i>European Physical Journal C</i> , 2019 , 79, 1	4.2	8
499	Measurement of the CP-violating phase ϕ_1 from $B_{\text{tag}}^0 \rightarrow \mu^+ \mu^-$ decays in 13 TeV pp collisions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2019 , 797, 134789	4.2	2
498	Observation of the $(\{\Lambda_{\text{b}}^0\} \rightarrow \{\chi_{\text{c}1}\})$ (3872) pK decay. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	5
497	Measurement of the Charm-Mixing Parameter y_{CP} . <i>Physical Review Letters</i> , 2019 , 122, 011802	7.4	8
496	Search for CP Violation in $D_{\text{tag}}^+ \rightarrow K_{\text{tag}}^0 \mu^+$, $D_{\text{tag}}^+ \rightarrow K_{\text{tag}}^0 K^+$, and $D_{\text{tag}}^+ \rightarrow \pi^+ \mu^+$ Decays. <i>Physical Review Letters</i> , 2019 , 122, 191803	7.4	2
495	Observation of $B_{\text{tag}}^0 \rightarrow \mu^+ \mu^-$ Decays and Precision Measurements of the B_{tag}^0 Masses. <i>Physical Review Letters</i> , 2019 , 122, 191804	7.4	4
494	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> , 2019 , 99,	4.9	12
493	Observation of CP Violation in Charm Decays. <i>Physical Review Letters</i> , 2019 , 122, 211803	7.4	51
492	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> , 2019 , 122, 222001	7.4	199
491	Observation of an Excited B_{c}^+ State. <i>Physical Review Letters</i> , 2019 , 122, 232001	7.4	18
490	Search for Lepton-Universality Violation in $B^+ \rightarrow K^+ \mu^+ \mu^-$ Decays. <i>Physical Review Letters</i> , 2019 , 122, 191801	7.4	137
489	Observation of the doubly Cabibbo-suppressed decay $B_c \rightarrow c \bar{\nu}$. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	2
488	Model-Independent Observation of Exotic Contributions to $B^0 \rightarrow K^+ \mu^-$ Decays. <i>Physical Review Letters</i> , 2019 , 122, 152002	7.4	13
487	Search for CP violation through an amplitude analysis of $D_0 \rightarrow K^+ K^-$ decays. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	2
486	First Measurement of a Long-Lived $\mu^+ \mu^-$ Atom Lifetime. <i>Physical Review Letters</i> , 2019 , 122, 082003	7.4	0
485	First Measurement of Charm Production in its Fixed-Target Configuration at the LHC. <i>Physical Review Letters</i> , 2019 , 122, 132002	7.4	17

484	Measurement of the mass and production rate of Λ baryons. <i>Physical Review D</i> , 2019 , 99,	4.9	9
483	Measurement of the branching fractions of the decays $D^+ \rightarrow K^0 K^+$, $D^+ \rightarrow K^+ K^+$ and $D^+ \rightarrow K^+ K^0$. <i>Journal of High Energy Physics</i> , 2019 , 2019,	5.4	3
482	Study of the $B^0 \rightarrow \rho^0 K^*(892)^0$ decay with an amplitude analysis of $B^0 \rightarrow \rho^0 K^+$ decays. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	2
481	Measurement of the ratio of branching fractions of the decays $\Lambda_b \rightarrow p \pi^0$ and $\Lambda_b \rightarrow p \pi^+$. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	1
480	Dalitz plot analysis of the $D^+ \rightarrow K^0 K^+$ decay. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	4
479	Precision measurement of the Λ_c^+ , Σ_c^+ , and Ξ_c^0 baryon lifetimes. <i>Physical Review D</i> , 2019 , 100,	4.9	14
478	Amplitude analysis of $B^0 \rightarrow \rho^0 K^0$ decays. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	5
477	First Observation of the Radiative Decay $\Lambda_b \rightarrow \Lambda \gamma$. <i>Physical Review Letters</i> , 2019 , 123, 031801	7.4	7
476	Measurement of the branching fraction and (C)P asymmetry in $(B^+ \rightarrow J/\psi \rho^+)$ decays. <i>European Physical Journal C</i> , 2019 , 79, 1	4.2	1
475	Measurement of the Mass Difference Between Neutral Charm-Meson Eigenstates. <i>Physical Review Letters</i> , 2019 , 122, 231802	7.4	39
474	Near-threshold ($\overline{D} D$) spectroscopy and observation of a new charmonium state. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	16
473	Amplitude analysis of the $(B^0 \rightarrow K^* \overline{K}^*)$ decays and measurement of the branching fraction of the $(B^0 \rightarrow K^* \overline{K}^*)$ decay. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	3
472	Observation of New Resonances in the $\Lambda_b \rightarrow \Lambda \pi^0$ System. <i>Physical Review Letters</i> , 2019 , 123, 152001	7.4	22
471	Updated measurement of time-dependent (CP)-violating observables in $(B^0 \rightarrow J/\psi K^+ K^-)$ decays. <i>European Physical Journal C</i> , 2019 , 79, 1	4.2	7
470	Measurements of CP asymmetries in charmless four-body $(\Lambda_b \rightarrow \Lambda \pi^0 \pi^0)$ and $(\Lambda_b \rightarrow \Lambda \pi^0 \pi^+ \pi^-)$ decays. <i>European Physical Journal C</i> , 2019 , 79, 1	4.2	6
469	Prompt Λ_c production in pPb collisions at $(\sqrt{s_{NN}}=5.02)$ TeV. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	10
468	A search for $(\Xi_{cc}^{++}) \rightarrow D^+ p K^0$ decays. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	5
467	Measurement of CP violation in the $(B^0 \rightarrow \pi^0 \pi^0)$ decay and search for the $B^0 \rightarrow \pi^0 \pi^0$ decay. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	0

466	Measurement of the B_c meson production fraction and asymmetry in 7 and 13 TeV pp collisions. <i>Physical Review D</i> , 2019 , 100,	4.9	4
465	Search for the Lepton-Flavor-Violating Decays $B_{s^0} \rightarrow \mu^+ \mu^- \nu$ and $B^0 \rightarrow \mu^+ \mu^- \nu$. <i>Physical Review Letters</i> , 2019 , 123, 211801	7.4	13
464	Search for Lepton-Flavor Violating Decays $B^+ \rightarrow K^+ \mu^+ \mu^- e^+$. <i>Physical Review Letters</i> , 2019 , 123, 241802	7.4	8
463	Measurement of CP-Violating and Mixing-Induced Observables in $B_{s^0} \rightarrow \mu^+ \mu^-$ Decays. <i>Physical Review Letters</i> , 2019 , 123, 081802	7.4	2
462	Amplitude Analysis of $B^0 \rightarrow \mu^+ \mu^- K^+ K^-$ Decays. <i>Physical Review Letters</i> , 2019 , 123, 231802	7.4	14
461	Measurement of Charged Hadron Production in Z-Tagged Jets in Proton-Proton Collisions at $\sqrt{s}=8$ TeV. <i>Physical Review Letters</i> , 2019 , 123, 232001	7.4	3
460	Observation of Two Resonances in the $\Upsilon(b^0)$ Systems and Precise Measurement of $\Upsilon(b^0)$ and $\Upsilon(b^{*0})$ Properties. <i>Physical Review Letters</i> , 2019 , 122, 012001	7.4	29
459	Search for excited $B + c$ states. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	13
458	Search for Dark Photons Produced in 13 TeV pp Collisions. <i>Physical Review Letters</i> , 2018 , 120, 061801	7.4	75
457	First observation of forward $Z \rightarrow b\bar{b}$ production in pp collisions at $s=8$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018 , 776, 430-439	4.2	1
456	Measurement of CP observables in $B^0 \rightarrow D^0 K^0$ and $B^0 \rightarrow D^0 \pi^0$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018 , 777, 16-30	4.2	10
455	Gamma-aminobutyric acid (GABA) receptors genes polymorphisms and risk for restless legs syndrome. <i>Pharmacogenomics Journal</i> , 2018 , 18, 565-577	3.5	10
454	A measurement of the CP asymmetry difference between $\Upsilon^+ \rightarrow \mu^+ K^0$ and ρ^0 decays. <i>Journal of High Energy Physics</i> , 2018 , 2018,	5.4	9
453	Measurement of CP asymmetry in $B^0 \rightarrow \mu^+ \mu^- K^0$ decays. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	4
452	Search for the lepton-flavour violating decays $B^0 \rightarrow \mu^+ \mu^- \nu$. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	15
451	First measurement of the CP-violating phase ($\phi_{s^0}^{\text{doverline{d}}}$) in $B^0 \rightarrow \mu^+ \mu^- (K^+ K^0)$ decays. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	6
450	Test of lepton flavor universality by the measurement of the $B^0 \rightarrow D^{*0} \mu^+ \mu^-$ branching fraction using three-prong μ decays. <i>Physical Review D</i> , 2018 , 97,	4.9	106
449	Measurement of the Ratio of the $B^0 \rightarrow D^{*0} \mu^+ \mu^-$ and $B^0 \rightarrow D^{*0} \tau^+ \tau^-$ Branching Fractions Using Three-Prong Lepton Decays. <i>Physical Review Letters</i> , 2018 , 120, 171802	7.4	126

448	Measurement of the Ratio of Branching Fractions $B(B_{c^+} \rightarrow \bar{D}^+ D^0) / B(B_{c^+} \rightarrow \bar{D}^+ D^+)$. <i>Physical Review Letters</i> , 2018 , 120, 121801	7.4	109
447	Search for B_{c^+} decays to two charm mesons. <i>Nuclear Physics B</i> , 2018 , 930, 563-582	2.8	4
446	Measurement of the Lifetime of the Doubly Charmed Baryon Ξ_{cc}^{++} . <i>Physical Review Letters</i> , 2018 , 121, 052002	7.4	44
445	Measurement of branching fractions of charmless four-body $\bar{D}^0 B$ and $D^0 \bar{B}$ decays. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	8
444	Evidence for the Rare Decay $\bar{D}^+ \rightarrow \bar{D}^+ \bar{D}^0$. <i>Physical Review Letters</i> , 2018 , 120, 221803	7.4	8
443	Central exclusive production of J/ψ and $\psi(2S)$ mesons in pp collisions at $\sqrt{s} = 13$ TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018,	5.4	13
442	Measurement of the time-integrated CP asymmetry in $D^0 \rightarrow K^+ K^-$ decays. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	4
441	Study of ψ' production in pPb collisions at ($\sqrt{s_{\text{NN}}} = 8.16$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	8
440	Search for beautiful tetraquarks in the $\psi(1S)$ invariant-mass spectrum. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	21
439	Search for CP violation in $B^0 \rightarrow \bar{D}^+ K^-$ and $B^0 \rightarrow \bar{D}^0 K^-$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018 , 787, 124-133	4.2	9
438	Search for lepton-flavour-violating decays of Higgs-like bosons. <i>European Physical Journal C</i> , 2018 , 78, 1008	4.2	3
437	Evidence for an resonance in decays. <i>European Physical Journal C</i> , 2018 , 78, 1019	4.2	26
436	Observation of the decay $B_{s0} \rightarrow D^0 K^+ K^-$. <i>Physical Review D</i> , 2018 , 98,	4.9	6
435	Observation of $B_{s0} \rightarrow D^0 \pi^0$ and search for $B^0 \rightarrow D^0 \pi^0$ decays. <i>Physical Review D</i> , 2018 , 98,	4.9	5
434	Measurement of Antiproton Production in p-He Collisions at $\sqrt{s_{\text{NN}}} = 110$ GeV. <i>Physical Review Letters</i> , 2018 , 121, 222001	7.4	22
433	Measurement of the inelastic pp cross-section at a centre-of-mass energy of 13 TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	12
432	Measurement of ψ' production in pp collisions at ($\sqrt{s} = 13$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	6
431	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> , 2018 , 2018, 1	5.4	4

430	Observation of the decay ($\overline{B}_s^0 \rightarrow \chi_{c2} K^+ K^-$) in the χ mass region. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	0
429	Search for a dimuon resonance in the χ mass region. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	7
428	Studies of the resonance structure in decays. <i>European Physical Journal C</i> , 2018 , 78, 443	4.2	11
427	Angular moments of the decay $\overline{B}_s^0 \rightarrow \chi_{c2} K^+ K^-$ at low hadronic recoil. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	17
426	Measurement of $Z \rightarrow \mu\mu$ production in proton-proton collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	2
425	First Observation of the Doubly Charmed Baryon Decay $\Xi_{cc}^{++} \rightarrow \Xi_c^+ \mu^+$. <i>Physical Review Letters</i> , 2018 , 121, 162002	7.4	54
424	Measurement of D^0 production asymmetry in pp collisions at ($\sqrt{s}=7$) and 8 TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	4
423	Measurement of Angular and CP Asymmetries in $D^0 \rightarrow \pi^+ \pi^- \pi^+$ and $D^0 \rightarrow K^+ K^- \pi^+$ Decays. <i>Physical Review Letters</i> , 2018 , 121, 091801	7.4	8
422	Measurement of the Ξ_c^0 Baryon Lifetime. <i>Physical Review Letters</i> , 2018 , 121, 092003	7.4	12
421	Evidence for the decay ($\overline{B}_s^0 \rightarrow \overline{K}^* \mu^+ \mu^-$). <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	15
420	Measurement of the CP asymmetry in $B^0 \rightarrow D^0$ and $B^0 \rightarrow D^0$ decays. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	1
419	Search for CP violation using triple product asymmetries in $\overline{B}_s^0 \rightarrow \pi^+ \pi^- \pi^0$ and $\overline{B}_s^0 \rightarrow \pi^+ \pi^- \pi^0$ decays. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	7
418	Updated determination of D^0 mixing and CP violation parameters with $D^0 \rightarrow K^+ \pi^-$ decays. <i>Physical Review D</i> , 2018 , 97,	4.9	11
417	Search for the rare decay $\overline{B}_s^0 \rightarrow \pi^+ \pi^- \pi^0$ <i>Physical Review D</i> , 2018 , 97,	4.9	9
416	Search for weakly decaying b-flavored pentaquarks. <i>Physical Review D</i> , 2018 , 97,	4.9	5
415	First observation of $B^+ \rightarrow \overline{D}^0 \pi^+ K^+ K^-$ decays and a search for $B^+ \rightarrow \overline{D}^0 \pi^+ \pi^0$ decays. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	6
414	Measurements of the branching fractions of $\overline{B}_s^0 \rightarrow \pi^+ \pi^- \pi^0$, $\overline{B}_s^0 \rightarrow \pi^+ \pi^- K^+$, and $\overline{B}_s^0 \rightarrow \pi^+ \pi^- \pi^+$. <i>Journal of High Energy Physics</i> , 2018 , 2018,	5.4	8
413	Measurement of CP violation in $B^0 \rightarrow \overline{D}^0 \pi^0$ decays. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	2

412	Amplitude Analysis of the Decay $B_{(s)}^0 \rightarrow K^+ K^-$ and First Observation of the CP Asymmetry in $B_{(s)}^0 \rightarrow K^+ K^- (892)^+$. <i>Physical Review Letters</i> , 2018 , 120, 261801	7.4	7
411	Search for the CP-violating strong decays $B_{(s)}^0 \rightarrow \pi^+ \pi^-$ and $B_{(s)}^0 \rightarrow \pi^0 \pi^0$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017 , 764, 233-240	4.2	7
410	Search for the suppressed decays $B \rightarrow K^+ K^-$ and $B \rightarrow \pi^+ \pi^-$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017 , 765, 307-316	4.2	8
409	Measurement of matter-antimatter differences in beauty baryon decays. <i>Nature Physics</i> , 2017 , 13, 391-396	6.2	45
408	Amplitude analysis of $B \rightarrow \pi^+ K^+$ decays. <i>Physical Review D</i> , 2017 , 95,	4.9	56
407	Observation of J/ψ Structures Consistent with Exotic States from Amplitude Analysis of $B^+ \rightarrow \pi^+ K^+$ Decays. <i>Physical Review Letters</i> , 2017 , 118, 022003	7.4	98
406	Observation of the Annihilation Decay Mode $B^0 \rightarrow K^+ K^-$. <i>Physical Review Letters</i> , 2017 , 118, 081801	7.4	18
405	First Experimental Study of Photon Polarization in Radiative $B_{(s)}^0$ Decays. <i>Physical Review Letters</i> , 2017 , 118, 021801	7.4	16
404	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> , 2017 , 767, 110-120	4.2	4
403	Observation of the decay $B_{(s)}^0 \rightarrow \pi^+ \pi^-$ and evidence for $B_{(s)}^0 \rightarrow \pi^0 \pi^0$. <i>Physical Review D</i> , 2017 , 95,	4.9	17
402	Measurement of the b-Quark Production Cross Section in 7 and 13 TeV pp Collisions. <i>Physical Review Letters</i> , 2017 , 118, 052002	7.4	36
401	Measurement of the phase difference between short- and long-distance amplitudes in the $B_{(s)}^0 \rightarrow \pi^+ \pi^-$ decay. <i>European Physical Journal C</i> , 2017 , 77, 161	4.2	25
400	Study of the $D^0 \rightarrow \pi^+ \pi^-$ amplitude in $B \rightarrow D^0 \pi^+ \pi^-$ decays. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	33
399	Search for massive long-lived particles decaying semileptonically in the LHCb detector. <i>European Physical Journal C</i> , 2017 , 77, 224	4.2	35
398	Observation of $B_{(s)}^0 \rightarrow \pi^+ \pi^-$ and $B_{(s)}^0 \rightarrow \pi^0 \pi^0$ decays. <i>European Physical Journal C</i> , 2017 , 77, 72	4.2	4
397	Measurement of CP asymmetry in $D^0 \rightarrow K^+ K^-$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017 , 767, 177-187	4.2	11
396	Observation of the Decay $B_{(s)}^0 \rightarrow \pi^+ K^-$. <i>Physical Review Letters</i> , 2017 , 118, 071801	7.4	7
395	Measurement of the Ξ atom lifetime and the Ξ scattering length. <i>Physical Review D</i> , 2017 , 96,	4.9	3

394	Search for long-lived scalar particles in $B \rightarrow K^* \mu \mu$ decays. <i>Physical Review D</i> , 2017 , 95,	4.9	48
393	Study of prompt D^0 meson production in pPb collisions at $(\sqrt{s_{\text{NN}}})=5$ TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	27
392	Prompt and nonprompt J/ψ production and nuclear modification in pPb collisions at $\sqrt{s_{\text{NN}}}=8.16$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017 , 774, 159-178	4.2	26
391	Observation of charmless baryonic decays $B(s) \rightarrow \rho^+ \pi^0 h^0$. <i>Physical Review D</i> , 2017 , 96,	4.9	5
390	Study of charmonium production in π -hadron decays and first evidence for the decay. <i>European Physical Journal C</i> , 2017 , 77, 609	4.2	10
389	Improved limit on the branching fraction of the rare decay. <i>European Physical Journal C</i> , 2017 , 77, 678	4.2	7
388	Observation of $B_c \rightarrow \bar{D}^{(*)} K^{(*)}$ decays. <i>Physical Review D</i> , 2017 , 95,	4.9	8
387	Measurements of charm mixing and CP violation using $D^0 \rightarrow K^* \mu \mu$ decays. <i>Physical Review D</i> , 2017 , 95,	4.9	8
386	Measurement of the B_{CP} production asymmetry and the CP asymmetry in $B_{\text{CP}} \rightarrow \bar{D}^0 K^0$ decays. <i>Physical Review D</i> , 2017 , 95,	4.9	6
385	Measurement of the ratio of branching fractions and difference in CP asymmetries of the decays $B \rightarrow \pi^0 \mu^+ \mu^-$ and $B \rightarrow \rho^0 \mu^+ \mu^-$. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	2
384	Search for the $B \rightarrow \pi^0 \mu^+ \mu^-$ decay. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	1
383	Observation of the decay $B \rightarrow \pi^0 \mu^+ \mu^-$ and a search for CP violation. <i>Journal of High Energy Physics</i> , 2017 , 2017,	5.4	5
382	Measurement of B_{CP} and D_{CP} Meson Lifetimes. <i>Physical Review Letters</i> , 2017 , 119, 101801	7.4	10
381	Observation of the Doubly Charmed Baryon Ξ_{cc}^{++} . <i>Physical Review Letters</i> , 2017 , 119, 112001	7.4	257
380	Measurement of the CP Violation Parameter A_{CP} in $D^0 \rightarrow K^+ K^-$ and $D^0 \rightarrow \pi^+ \pi^-$ Decays. <i>Physical Review Letters</i> , 2017 , 118, 261803	7.4	11
379	Observation of $B \rightarrow \bar{D}^0 K^+$ Decays. <i>Physical Review Letters</i> , 2017 , 118, 111803	7.4	13
378	Observation of Five New Narrow χ_{c0} States Decaying to $\chi_{c1} K^+$. <i>Physical Review Letters</i> , 2017 , 118, 182001	7.4	154
377	Measurement of CP asymmetries in D_{CP} and D_{CP} decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017 , 771, 21-30	4.2	6

376	Observation of $B(2S) \rightarrow \rho p$ and search for $X(3872) \rightarrow \rho p$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017 , 769, 305-313	4.2	16
375	Observation of the $B \rightarrow B_s \gamma$ decay. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017 , 772, 265-273	4.2	15
374	Measurement of the $B_{s^0} \rightarrow B^+ \pi^-$ Branching Fraction and Effective Lifetime and Search for $B^0 \rightarrow B^+ \pi^-$ Decays. <i>Physical Review Letters</i> , 2017 , 118, 191801	7.4	106
373	Study of J/ψ Production in Jets. <i>Physical Review Letters</i> , 2017 , 118, 192001	7.4	20
372	Observation of the Decays $B^0 \rightarrow B^+ p K^-$ and $B^0 \rightarrow B^+ p K^0$. <i>Physical Review Letters</i> , 2017 , 119, 062001	7.4	22
371	Observation of the $B^+ \rightarrow D^* K^+ \pi^0$ decay. <i>Physical Review D</i> , 2017 , 96,	4.9	2
370	Search for the Decays $B_{s^0} \rightarrow B^+ \pi^-$ and $B^0 \rightarrow B^+ \pi^-$. <i>Physical Review Letters</i> , 2017 , 118, 251802	7.4	40
369	Measurement of the shape of the $B^0 \rightarrow B^+ \pi^-$ differential decay rate. <i>Physical Review D</i> , 2017 , 96,	4.9	23
368	Observation of the suppressed decay $B^0 \rightarrow \rho^+ \pi^-$. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	10
367	Test of lepton universality with $B^0 \rightarrow \rho^+ \pi^-$ decays. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	298
366	B_{c1} and B_{c2} Resonance Parameters with the Decays $B_{c1, c2} \rightarrow B^+ \pi^-$. <i>Physical Review Letters</i> , 2017 , 119, 221801	7.4	8
365	Observation of D^0 Meson Decays to $B^+ \pi^- \pi^+ \pi^-$ and $K^+ K^- \pi^+ \pi^-$ Final States. <i>Physical Review Letters</i> , 2017 , 119, 181805	7.4	14
364	Search for Baryon-Number Violating B^0 Oscillations. <i>Physical Review Letters</i> , 2017 , 119, 181807	7.4	1
363	Measurement of the J/ψ pair production cross-section in pp collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	25
362	New algorithms for identifying the flavour of [Formula: see text] mesons using pions and protons. <i>European Physical Journal C</i> , 2017 , 77, 238	4.2	4
361	Measurements of prompt charm production cross-sections in pp collisions at $\sqrt{s}=5.5$ TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017,	5.4	16
360	Search for CP violation in the phase space of $D^0 \rightarrow \rho^+ \pi^-$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017 , 769, 345-356	4.2	7
359	Evidence for the two-body charmless baryonic decay ($B^+ \rightarrow \overline{\Lambda} p$). <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	4

358	First Observation of the Rare Purely Baryonic Decay $B^0 \rightarrow \bar{p} p$. <i>Physical Review Letters</i> , 2017 , 119, 232001	7.4	4
357	Resonances and CP violation in B^0 and $(\overline{B})_s^0 \rightarrow J/\psi \{K^+ K^-\}$ decays in the mass region above the $\psi(1020)$. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	13
356	Study of $(\overline{b} b)$ correlations in high energy proton-proton collisions. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	5
355	Measurement of CP observables in $B_{\overline{D}}^0 \rightarrow \overline{D} K^0$ decays using two- and four-body D final states. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	4
354	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> , 2017 , 774, 139-158	4.2	10
353	Measurement of CP violation in $B^0 \rightarrow \overline{D}^0 K^0$ and $B^0 \rightarrow \overline{D}^0 \overline{K}^0$ decays. <i>Journal of High Energy Physics</i> , 2017 , 2017,	5.4	2
352	First Observation of a Baryonic $B_{\overline{D}}^0$ Decay. <i>Physical Review Letters</i> , 2017 , 119, 041802	7.4	10
351	Updated search for long-lived particles decaying to jet pairs. <i>European Physical Journal C</i> , 2017 , 77, 812	4.2	23
350	Updated branching fraction measurements of $B^0 \rightarrow \overline{D}^0 K^0$ decays. <i>Journal of High Energy Physics</i> , 2017 , 2017,	5.4	4
349	Search for decays of neutral beauty mesons into four muons. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	7
348	Observation of the decay $B_s^0 \rightarrow \overline{D}^0 K^0$ and evidence for $B_s^0 \rightarrow \overline{D}^0 \overline{K}^0$. <i>Journal of High Energy Physics</i> , 2017 , 2017,	5.4	6
347	Bose-Einstein correlations of same-sign charged pions in the forward region in pp collisions at $(\sqrt{s}=7)$ TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	3
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345	Measurement of the $Y(nS)$ polarizations in pp collisions at $(\sqrt{s}=7)$ and 8 TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	6
344	Measurement of the CP Asymmetry in $B_{\overline{D}}^0 \rightarrow \overline{D}^0 K^0$ Mixing. <i>Physical Review Letters</i> , 2016 , 117, 061803	7.4	18
343	Model-Independent Evidence for J/ψ Contributions to $\overline{B}^0 \rightarrow \overline{D}^0 K^0$ Decays. <i>Physical Review Letters</i> , 2016 , 117, 082002	7.4	85
342	Evidence for Exotic Hadron Contributions to $\overline{B}^0 \rightarrow \overline{D}^0 K^0$ Decays. <i>Physical Review Letters</i> , 2016 , 117, 082003	7.4	91
341	Studies of the resonance structure in $D^0 \rightarrow \overline{K}^0 K^0$ decays. <i>Physical Review D</i> , 2016 , 93,	4.9	13

340	Measurement of the mass and lifetime of the Λ_b baryon. <i>Physical Review D</i> , 2016 , 93,	4.9	6
339	First Observation of D^0 - \bar{D}^0 Oscillations in $D^0 \rightarrow K^+ \pi^- \pi^+$ Decays and Measurement of the Associated Coherence Parameters. <i>Physical Review Letters</i> , 2016 , 116, 241801	7.4	16
338	First observation of the rare $B^+ \rightarrow K^+ \mu^+ \mu^-$ decay. <i>Physical Review D</i> , 2016 , 93,	4.9	3
337	Measurement of the $B_s^0 \rightarrow D_s^{(*)} + D_s^{(*)}$ branching fractions. <i>Physical Review D</i> , 2016 , 93,	4.9	3
336	Constraints on the unitarity triangle angle Γ from Dalitz plot analysis of $B^0 \rightarrow K^+ \pi^-$ decays. <i>Physical Review D</i> , 2016 , 93,	4.9	6
335	Observation of $B_{(s)}^0 \rightarrow \bar{D}^0 K_{(S)}^0$ and Evidence for $B_{(s)}^0 \rightarrow \bar{D}^0 K_{(S)}^{*0}$ Decays. <i>Physical Review Letters</i> , 2016 , 116, 161802	7.4	5
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333	Search for Violations of Lorentz Invariance and CPT Symmetry in $B_{(s)}$ Mixing. <i>Physical Review Letters</i> , 2016 , 116, 241601	7.4	22
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328	Measurement of forward W and Z boson production in pp collisions at $\sqrt{s} = 8$ TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016,	5.4	34
327	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> , 2016 , 2016, 1	5.4	10
326	Model-independent measurement of mixing parameters in $D^0 \rightarrow K^0 S^0$ decays. <i>Journal of High Energy Physics</i> , 2016 , 2016,	5.4	11
325	Measurements of prompt charm production cross-sections in pp collisions at $(\sqrt{s} = 13)$ TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	65
324	First observation of the decay $B^0 \rightarrow s^+ \bar{K}^0 S^0 K^*(892)0$ at LHCb. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	3
323	Observation of the $B^0 \rightarrow f_1 \pi^0$ decay. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	7

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321	Angular analysis of the $B^0 \rightarrow \pi^+ \pi^- \pi^0$ decay using 3 fb ⁻¹ of integrated luminosity. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	232
320	A precise measurement of the [Formula: see text] meson oscillation frequency. <i>European Physical Journal C</i> , 2016 , 76, 412	4.2	6
319	Search for Higgs-like bosons decaying into long-lived exotic particles. <i>European Physical Journal C</i> , 2016 , 76, 664	4.2	16
318	Observations of $D^0 \rightarrow \pi^+ \pi^- \pi^0$ and $D^0 \rightarrow \pi^+ \pi^- K^0$ decays and searches for other D^0 b and D^0 b decays to $\pi + h^0$ final states. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	17
317	Measurement of forward W and Z boson production in association with jets in proton-proton collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	8
316	Observation of $D^0 \rightarrow \pi^+ \pi^- \pi^0$ and $D^0 \rightarrow \pi^+ \pi^- K^0$ decays and a measurement of the D^0 baryon mass. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	15
315	Measurement of the properties of the Λ^0 baryon. <i>Journal of High Energy Physics</i> , 2016 , 2016,	5.4	15
314	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> , 2016 , 2016, 1	5.4	25
313	Measurement of the CKM angle Γ using $B^0 \rightarrow \pi^+ \pi^- \pi^0$ with $D^0 \rightarrow \pi^+ \pi^- \pi^0$ decays. <i>Journal of High Energy Physics</i> , 2016 , 2016,	5.4	6
312	Measurement of the forward Z boson production cross-section in pp collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	13
311	Measurement of the ratio of branching fractions ($\frac{\mathcal{B}(B^0 \rightarrow \pi^+ \pi^- \pi^0)}{\mathcal{B}(B^0 \rightarrow \pi^+ \pi^- K^0)}$) using 3.8 fb ⁻¹ of data. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	5
310	Measurement of forward W-f π production in pp collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	8
309	Measurement of the CKM angle Γ from a combination of LHCb results. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	23
308	Measurements of the S-wave fraction in $B^0 \rightarrow \pi^+ \pi^- \pi^0$ decays and the $B^0 \rightarrow \pi^+ \pi^- (892)^0$ differential branching fraction. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	48
307	Study of the production of and hadrons in pp collisions and first measurement of the branching fraction. <i>Chinese Physics C</i> , 2016 , 40, 011001	2.2	65
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305	Amplitude analysis of $B \rightarrow \pi \pi$ decays. <i>Physical Review D</i> , 2016 , 94,	4.9	45

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303	Measurement of CP Violation in $B^0 \rightarrow D^+ D^-$ Decays. <i>Physical Review Letters</i> , 2016 , 117, 261801	7.4	6
302	Measurement of the $B_{s0} \rightarrow \mu\mu$ lifetime. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 762, 484-492	4.2	4
301	Search for the lepton-flavour violating decay $D^0 \rightarrow e\mu\pi$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 754, 167-175	4.2	14
300	Model-independent measurement of the CKM angle β using $B^0 \rightarrow DK^0$ decays with $D \rightarrow K^0 S^0$ and $K^0 S^0 K^+ K^-$. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	6
299	Observation of $\pi^+ K^+$ and $\pi^+ K^-$ Atoms. <i>Physical Review Letters</i> , 2016 , 117, 112001	7.4	10
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297	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> , 2016 , 762, 473-483	4.2	32
296	Search for B_c^+ decays to the $p\pi^+$ final state. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 759, 313-321	4.2	10
295	Observation of the $B^0 \rightarrow \pi^0$ decay. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 759, 282-292	4.2	12
294	Measurement of CP observables in $B^0 \rightarrow DK^0$ and $B^0 \rightarrow D\pi^0$ with two- and four-body D decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 760, 117-131	4.2	16
293	Determination of the quark coupling strength $ V_{ub} $ using baryonic decays. <i>Nature Physics</i> , 2015 , 11, 743-747	7.4	79
292	Determination of β and β' from charmless two-body decays of beauty mesons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015 , 741, 1-11	4.2	9
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290	Measurement of the semileptonic CP asymmetry in $B^0 \rightarrow B^0$ mixing. <i>Physical Review Letters</i> , 2015 , 114, 041601	7.4	28
289	Precision measurement of CP violation in $B(S)(0) \rightarrow \bar{K}^+ K^-$ decays. <i>Physical Review Letters</i> , 2015 , 114, 041801	7.4	53
288	Measurement of B_c^+ Production in Proton-Proton Collisions at $\sqrt{s}=8$ TeV. <i>Physical Review Letters</i> , 2015 , 114, 132001	7.4	35
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283	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> , 2015 , 2015, 1	5.4	7
282	Search for the lepton flavour violating decay $B^0 \rightarrow \mu^+ \mu^- \mu^+ \mu^-$. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	22
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278	Identification of beauty and charm quark jets at LHCb. <i>Journal of Instrumentation</i> , 2015 , 10, P06013-P06013		32
277	Measurement of the $[B^0 \rightarrow \pi^0 \pi^0]$ production cross-section in proton-proton collisions via the decay $[B^0 \rightarrow \pi^0 \pi^0]$. <i>European Physical Journal C</i> , 2015 , 75, 311	4.2	41
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274	First observation of top quark production in the forward region. <i>Physical Review Letters</i> , 2015 , 115, 112001	4.1	16
273	Evidence for the Strangeness-Changing Weak Decay $B^0 \rightarrow \pi^0 \pi^0$. <i>Physical Review Letters</i> , 2015 , 115, 241801	7.4	14
272	First observation and amplitude analysis of the $B \rightarrow D^* K$ decay. <i>Physical Review D</i> , 2015 , 91,	4.9	30
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269	Dalitz plot analysis of $B^0 \rightarrow D^0 \pi^+ \pi^-$ decays. <i>Physical Review D</i> , 2015 , 92,	4.9	53

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266	Search for the rare decays $B^0 \rightarrow \mu^+ \mu^-$ and $B_s^0 \rightarrow \mu^+ \mu^-$. <i>Physical Review D</i> , 2015 , 92,	4.9	7
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263	Observation of the $B(s)(0) \rightarrow \mu^+ \mu^-$ Decay. <i>Physical Review Letters</i> , 2015 , 115, 051801	7.4	7
262	Observation of J/ψ Resonances Consistent with Pentaquark States in $B^0 \rightarrow \mu^+ \mu^- K^0$ Decays. <i>Physical Review Letters</i> , 2015 , 115, 072001	7.4	580
261	Measurement of the ratio of branching fractions $B(B^0 \rightarrow \mu^+ \mu^-)/B(B^0 \rightarrow \tau^+ \tau^-)$. <i>Physical Review Letters</i> , 2015 , 115, 111803	7.4	316
260	Search for Hidden-Sector Bosons in $B(0) \rightarrow K^*(0) \mu^+ \mu^-$ Decays. <i>Physical Review Letters</i> , 2015 , 115, 161802	7.4	65
259	Measurement of the track reconstruction efficiency at LHCb. <i>Journal of Instrumentation</i> , 2015 , 10, P02007-P02007	7.4	69
258	Bflavour tagging using charm decays at the LHCb experiment. <i>Journal of Instrumentation</i> , 2015 , 10, P10005-P10005	7.4	95
257	Measurement of CP asymmetries and polarisation fractions in $(B_s^0 \rightarrow \overline{K}^{*0} K^0)$ decays. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	6
256	Measurement of the forward Z boson production cross-section in pp collisions at ($\sqrt{s}=7$) TeV. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	31
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254	Measurement of the exclusive Υ production cross-section in pp collisions at ($\sqrt{s}=7$) TeV and 8 TeV. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	42
253	Measurement of the $B^0 \rightarrow \mu^+ \mu^-$ branching fraction and search for the decay $B^0 \rightarrow \mu^+ \mu^- \gamma$. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	8
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243	Measurement of the time-dependent CP asymmetries in $B^0 \rightarrow \pi^+ \pi^- K^0$. <i>Journal of High Energy Physics</i> , 2015 , 2015,	5.4	9
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241	Measurement of forward J/ψ production cross-sections in pp collisions at $(\sqrt{s}=13)$ TeV. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	47
240	Observation of the decay $B^0 \rightarrow \pi^+ \pi^- K^0$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015 , 747, 484-494	4.2	12
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234	Observation of the $B^0 \rightarrow \pi^+ \pi^-$ decay from an amplitude analysis of $B^0 \rightarrow \pi^+ \pi^- K^0$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015 , 747, 468-478	4.2	9
233	Measurement of the lifetime of the B_c^+ meson using the $B_c^+ \rightarrow \pi^+ \pi^0$ decay mode. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015 , 742, 29-37	4.2	25

232	Observation of two new $(b)(-)$ baryon resonances. <i>Physical Review Letters</i> , 2015 , 114, 062004	7.4	35
231	Measurement of the CP -violating phase $\arg(B_0^0 \rightarrow \pi^0 \pi^0)$ decays and limits on penguin effects. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015 , 742, 38-49	4.2	24
230	Measurement of the B^0 and B^+ baryon lifetimes. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 736, 154-162	4.2	10
229	Effective lifetime measurements in the $B_s^0 \rightarrow K^+ K^- B^0 \rightarrow K^+ K^-$ and $B_s^0 \rightarrow K^+ K^-$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 736, 446-454	4.2	9
228	Measurement of the CP-violating phase $\arg(B^0 \rightarrow \pi^0 \pi^0)$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 736, 186-195	4.2	33
227	Evidence for the decay $B^0 \rightarrow \pi^0 \pi^0$. <i>Nuclear Physics B</i> , 2014 , 886, 665-680	2.8	79
226	Addendum: Observation of double charm production involving open charm in pp collisions at $(\sqrt{s}) = 7$ TeV. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	27
225	Searches for (Λ_b^0) and (Ξ_b^0) decays to $(K_{\text{charm}}^0 \pi^0)$ and $(K_{\text{charm}}^0 \pi^+ \pi^-)$ final states with first observation of the $(\Lambda_b^0 \rightarrow K_{\text{charm}}^0 \pi^0)$ decay. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	18
224	Observation of associated production of a Z boson with a D meson in the forward region. <i>Journal of High Energy Physics</i> , 2014 , 2014,	5.4	7
223	Measurements of the B^+ , B^0 , B_s^0 meson and Λ_b^0 baryon lifetimes. <i>Journal of High Energy Physics</i> , 2014 , 2014,	5.4	22
222	Measurement of polarization amplitudes and CP asymmetries in $B^0 \rightarrow K^+ K^-$. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	8
221	Angular analysis of charged and neutral $B \rightarrow K^* \pi$ decays. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	18
220	Evidence for the decay $(B_{\text{charm}}^+ \rightarrow \{\pi^+ \pi^0\} \text{ left/ right})$. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	16
219	Differential branching fractions and isospin asymmetries of $B \rightarrow K^* \pi$ decays. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	142
218	Measurement of CP asymmetry in $D^0 \rightarrow K^+ K^-$ and $D^0 \rightarrow K^+ K^0$ decays. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	42
217	Study of (Υ) production and cold nuclear matter effects in pPb collisions at $(\sqrt{s_{\text{NN}}}) = 5$ TeV. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	27
216	Observation of the $D^0 \rightarrow \pi^+ \pi^-$ decay. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	29
215	Observation of the $B^0 \rightarrow \pi^+ \pi^-$ decay. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	5

214	Study of the kinematic dependences of B^0 \rightarrow B^0 \rightarrow B^0 production in pp collisions and a measurement of the $B^0 \rightarrow B^0$ branching fraction. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	30
213	Observation of Z production in proton-lead collisions at LHCb. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	15
212	Measurement of Υ production in pp collisions at $\sqrt{s} = 2.76$ TeV. <i>European Physical Journal C</i> , 2014 , 74,	4.2	23
211	Measurement of the B^0 meson lifetime using B^0 decays. <i>European Physical Journal C</i> , 2014 , 74, 2839	4.2	32
210	Measurement of B^0 polarisation in B^0 collisions at $\sqrt{s} = 7$ TeV. <i>European Physical Journal C</i> , 2014 , 74, 2872	4.2	35
209	Measurement of charged particle multiplicities and densities in B^0 collisions at $\sqrt{s} = 7$ TeV in the forward region. <i>European Physical Journal C</i> , 2014 , 74, 2888	4.2	20
208	Search for the decay $B^0 \rightarrow B^0$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 728, 234-243	4.2	8
207	Search for CP violation in the decay $B^0 \rightarrow B^0$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 728, 585-595	4.2	15
206	Measurement of the charge asymmetry in B^0 . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 728, 85-94	4.2	10
205	Observation of the resonant character of the $Z(4430)^-$ state. <i>Physical Review Letters</i> , 2014 , 112, 222002	7.4	234
204	Observation of photon polarization in the $B^0 \rightarrow B^0$ transition. <i>Physical Review Letters</i> , 2014 , 112, 161801	7.4	29
203	Precision measurement of the ratio of the $B^0 \rightarrow B^0$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 734, 122-130	4.2	43
202	Precision luminosity measurements at LHCb. <i>Journal of Instrumentation</i> , 2014 , 9, P12005-P12005	1	79
201	Cloud flexibility using DIRAC interware. <i>Journal of Physics: Conference Series</i> , 2014 , 513, 032031	0.3	2
200	Measurement of the CP-violating phase ϕ_s in $B_s(0) \rightarrow D_s(+)$ $D_s(-)$ decays. <i>Physical Review Letters</i> , 2014 , 113, 211801	7.4	17
199	Measurement of CP violation parameters in $B^0 \rightarrow D^0$ decays. <i>Physical Review D</i> , 2014 , 90,	4.9	11
198	Measurements of CP violation in the three-body phase space of charmless B^0 decays. <i>Physical Review D</i> , 2014 , 90,	4.9	47
197	Updated measurements of exclusive J/ψ and $\psi(2S)$ production cross-sections in pp collisions at $\sqrt{s} = 7$ TeV. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2014 , 41, 055002	2.9	83

196	Measurement of CP asymmetries in the decays $B^0 \rightarrow K^+ K^-$ and $B^+ \rightarrow K^+ K^0$. <i>Journal of High Energy Physics</i> , 2014 , 2014,	5.4	15
195	Observation of $B_{s^0} \rightarrow K^{*mp} K^{\pm}$ and evidence for $B_{s^0} \rightarrow K^{*-} \pi^+$ decays. <i>New Journal of Physics</i> , 2014 , 16, 123001	2.9	6
194	Measurement of CP violation and constraints on the CKM angle $\sin 2\beta$ with $D \rightarrow K S^0$ decays. <i>Nuclear Physics B</i> , 2014 , 888, 169-193	2.8	13
193	First α atom lifetime and α scattering length measurements. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 735, 288-294	4.2	16
192	Measurement of the $B^0 \rightarrow B^0$ and $B_s^0 \rightarrow B_s^0$ production asymmetries in pp collisions at $\sqrt{s}=7\text{TeV}$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 739, 218-228	4.2	22
191	First measurement of the charge asymmetry in beauty-quark pair production. <i>Physical Review Letters</i> , 2014 , 113, 082003	7.4	15
190	Evidence for CP violation in $B^+ \rightarrow \rho^+ K^+$ decays. <i>Physical Review Letters</i> , 2014 , 113, 141801	7.4	14
189	First observation of a baryonic B_c^+ decay. <i>Physical Review Letters</i> , 2014 , 113, 152003	7.4	24
188	Measurement of resonant and CP components in $B_{c^0} \rightarrow \rho^0$ decays. <i>Physical Review D</i> , 2014 , 89,	4.9	54
187	Search for Majorana neutrinos in $B^- \rightarrow \mu^- \mu^+ \mu^-$ decays. <i>Physical Review Letters</i> , 2014 , 112, 131802	7.4	70
186	Publisher's Note: Observation of $B_{c^+} \rightarrow \rho^+ D_{s^+}$ and $B_{c^+} \rightarrow \rho^+ D_{s^{*+}}$ decays [Phys. Rev. D 87, 112012 (2013)]. <i>Physical Review D</i> , 2014 , 89,	4.9	13
185	Measurement of the B_{c^+} meson lifetime in D_{s^+} decays. <i>Physical Review Letters</i> , 2014 , 113, 172001	7.4	10
184	Measurement of CP violation in the phase space of $B^0 \rightarrow K^+ K^- \pi^0$ and $B^0 \rightarrow \rho^0 \pi^0$ decays. <i>Physical Review Letters</i> , 2014 , 112, 011801	7.4	61
183	Measurement of the resonant and CP components in $B^0 \rightarrow \rho^0 \pi^0$ decays. <i>Physical Review D</i> , 2014 , 90,	4.9	52
182	Observation of overlapping spin-1 and spin-3 $D^0 K^-$ resonances at mass 2.86 GeV/c ² . <i>Physical Review Letters</i> , 2014 , 113, 162001	7.4	61
181	Measurement of the $B_s(0) \rightarrow D_s^- D_{s^+}$ and $B_s(0) \rightarrow D^- D_{s^+}$ effective lifetimes. <i>Physical Review Letters</i> , 2014 , 112, 111802	7.4	12
180	Dalitz plot analysis of $B_{s^0} \rightarrow D^0 K^0$ decays. <i>Physical Review D</i> , 2014 , 90,	4.9	70
179	Measurements of indirect CP asymmetries in $D^0 \rightarrow K^- K^+$ and $D^0 \rightarrow \rho^0 \pi^0$ decays. <i>Physical Review Letters</i> , 2014 , 112, 041801	7.4	18

178	Precision measurement of the mass and lifetime of the $\Lambda_b(0)$ baryon. <i>Physical Review Letters</i> , 2014 , 113, 032001	7.4	30
177	Test of lepton universality using $b \rightarrow c \tau \nu$ decays. <i>Physical Review Letters</i> , 2014 , 113, 151601	7.4	542
176	Precision measurement of the mass and lifetime of the Λ_b^0 baryon. <i>Physical Review Letters</i> , 2014 , 113, 242002	7.4	26
175	Measurement of CP violation in $B_s^0 \rightarrow \tau^+ \nu_\tau$ decays. <i>Physical Review D</i> , 2014 , 90,	4.9	13
174	Study of Beauty Hadron Decays into Pairs of Charm Hadrons. <i>Physical Review Letters</i> , 2014 , 112,	7.4	21
173	Observation of $B(s)0 \rightarrow f_1/\bar{f}_1(1285)$ decays and measurement of the $f_1(1285)$ mixing angle. <i>Physical Review Letters</i> , 2014 , 112, 091802	7.4	17
172	Measurement of the ratio of B_c^+ branching fractions to J/ψ and J/ψ final states. <i>Physical Review D</i> , 2014 , 90,	4.9	23
171	Studies of beauty baryon decays to $D^0 p h^0$ and $\bar{D}^0 h^0$ final states. <i>Physical Review D</i> , 2014 , 89,	4.9	25
170	Observation of charmonium pairs produced exclusively in $\$pp\$$ collisions. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2014 , 41, 115002	2.9	10
169	Search for CP violation using T-odd correlations in $D^0 \rightarrow \bar{K}^0 K^+ \pi^-$ decays. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	16
168	Search for CP violation in $D^0 \rightarrow \bar{K}^0 K^+ \pi^-$ and $D^0 \rightarrow \bar{K}^0 K^+ \pi^0$ decays. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	8
167	First observations of the rare decays $B^+ \rightarrow \bar{K}^0 \pi^+ \pi^0$ and $B^+ \rightarrow \bar{K}^0 K^+ \pi^0$. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	7
166	Measurement of the $\Lambda_b(3P)$ mass and of the relative rate of $\Lambda_b(1P)$ and $\Lambda_b(2(1P))$ production. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	17
165	Measurement of the CKM angle α using $B^0 \rightarrow \bar{D}^0 K^0$ with $D^0 \rightarrow \bar{K}^0 S^+ K^0 S^- K^+ K^-$ decays. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	19
164	Measurement of CP asymmetry in $B^0 \rightarrow \bar{D}^0 \tau^+ K^0$ decays. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	10
163	Measurement of the forward W boson cross-section in pp collisions at $(\sqrt{s}=7)$ TeV. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	14
162	Measurement of the flavour-specific CP-violating asymmetry $A_{CP}^{\text{fs}}(B \rightarrow \bar{D} K)$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 728, 607-615	4.2	31
161	A study of CP violation in $B^0 \rightarrow \bar{D}^0 K^0$ and $B^0 \rightarrow \bar{D}^0 \pi^0$ decays with $D \rightarrow K^0 K^+ K^-$ final states. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 733, 36-45	4.2	12

160	Study of forward Z + jet production in pp collisions at $(\sqrt{s}) = 7$ TeV. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5-4	20
159	Differential branching fraction and angular analysis of the decay $(B_s^0) \rightarrow \tau^+ \tau^- \mu^+ \mu^-$. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5-4	86
158	Production of J/ψ and $(\chi_{c0,1,2})$ mesons in pp collisions at $(\sqrt{s}=8)$ TeV. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5-4	58
157	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> , 2013 , 2013, 1	5-4	4
156	Measurement of the fragmentation fraction ratio f_s/f_d and its dependence on B meson kinematics. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5-4	78
155	Measurement of CP observables in $B^0 \rightarrow DK^{*0}$ with $D \rightarrow K^+ K^-$. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5-4	6
154	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> , 2013 , 2013, 1	5-4	43
153	Differential branching fraction and angular analysis of the $B^+ \rightarrow K^+ \tau^+ \tau^-$ decay. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5-4	63
152	First evidence for the annihilation decay mode $\{B^+\} \rightarrow D_s^+ \phi$. <i>Journal of High Energy Physics</i> , 2013 , 2013,	5-4	13
151	Measurement of J/ψ production in pp collisions at $(\sqrt{s}=2.76; \text{TeV})$. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5-4	28
150	Measurement of the forward energy flow in collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2013 , 73, 2421	4-2	17
149	Measurements of the branching fractions of [Formula: see text] decays. <i>European Physical Journal C</i> , 2013 , 73, 2462	4-2	19
148	Measurement of the time-dependent CP asymmetry in $B^0 \rightarrow \bar{K}^0$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 721, 24-31	4-2	11
147	First measurement of time-dependent CP violation in $(B_s^0 \rightarrow \{K^+\} \{K^-\})$ decays. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5-4	25
146	Study of $B_{(s)}^0 \rightarrow K_{\text{charm}}^0 \{h^+\} \{h^{\prime -}\}$ decays with first observation of $B_s^0 \rightarrow K_{\text{charm}}^0 \{K^{\pm}\} \{\pi^{\mp}\}$ and $B_s^0 \rightarrow K_{\text{charm}}^0 \{\pi^+\} \{\pi^-\}$. <i>Journal of High Energy Physics</i> , 2013 , 2013,	5-4	14
145	Measurement of the relative rate of prompt τ_0, τ_1 and τ_2 production at $(\sqrt{s}=7)$ TeV. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5-4	31
144	Study of D meson decays to $D^+ \pi^0$ and $D^* \pi$ final states in pp collisions. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5-4	69
143	Searches for $(B_{(s)}^0 \rightarrow \{J/\psi\} \overline{p})$ and $B^+ \rightarrow J/\psi (\overline{p}) \tau^+$ decays. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5-4	6

142	Differential branching fraction and angular analysis of the decay $B^0 \rightarrow \pi^+ \pi^- \pi^0$. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	99
141	Measurement of B meson production cross-sections in proton-proton collisions at $(\sqrt{s}=7)$ TeV. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	45
140	Observation of $B^0 \rightarrow \pi^+ \pi^-$ mixing and measurement of mixing frequencies using semileptonic B decays. <i>European Physical Journal C</i> , 2013 , 73,	4.2	14
139	Measurement of ρ polarization in collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2013 , 73, 2631	4.2	87
138	Observation of the decay $(B_c^{+}) \rightarrow \pi^+ K^0$. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	20
137	First observation of CP violation in the decays of $B(s)0$ mesons. <i>Physical Review Letters</i> , 2013 , 110, 221601	4.4	78
136	Search for the rare decay $(K_{\text{S}}^0 \rightarrow \mu^+ \mu^-)$. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	10
135	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> , 2013 , 2013, 1	5.4	13
134	Measurement of the ratio of branching fractions $B(B^0 \rightarrow \pi^+ \pi^-) / B(B_s^0 \rightarrow \pi^+ \pi^-)$ and the direct CP asymmetry in $B^0 \rightarrow \pi^+ \pi^-$. <i>Nuclear Physics B</i> , 2013 , 867, 1-18	2.8	29
133	Measurement of the effective α_s . <i>Nuclear Physics B</i> , 2013 , 873, 275-292	2.8	10
132	Prompt charm production in pp collisions at $\sqrt{s}=7$ TeV. <i>Nuclear Physics B</i> , 2013 , 871, 1-20	2.8	163
131	Observation of the suppressed ADS modes $B^0 \rightarrow \pi^+ \pi^- \pi^0$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 723, 44-53	4.2	14
130	Measurement of the CKM angle α from a combination of $B^0 \rightarrow \pi^+ \pi^-$ analyses. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 726, 151-163	4.2	33
129	Measurement of the $B^0 \rightarrow \pi^0 \pi^0$ oscillation frequency Δm_d with the decays $B^0 \rightarrow \pi^+ \pi^-$ and $B^0 \rightarrow \pi^+ \pi^0$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 719, 318-325	4.2	15
128	Search for direct CP violation in $B^0 \rightarrow \pi^+ \pi^-$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 723, 33-43	4.2	29
127	Measurements of the $B^0 \rightarrow \pi^+ \pi^-$ 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> , 2013 , 724, 27-35	4.2	41
126	Search for the rare decay $D^0 \rightarrow \pi^+ \pi^-$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 725, 15-24	4.2	23
125	Measurement of the differential branching fraction of the decay $B^0 \rightarrow \pi^+ \pi^-$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 725, 25-35	4.2	29

124	Evidence for the decay $B^0 \rightarrow J/\psi \ell^+ \ell^-$ and measurement of the relative branching fractions of B^0 meson decays to J/ψ and $J/\psi \ell^+ \ell^-$. <i>Nuclear Physics B</i> , 2013 , 867, 547-566	2.8	25
123	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> , 2013 , 724, 36-45	4.2	27
122	Observation of $B^0 \rightarrow J/\psi \ell^+ \ell^-$. <i>Nuclear Physics B</i> , 2013 , 874, 663-678	2.8	8
121	Observation of D^0 - \bar{D}^0 oscillations. <i>Physical Review Letters</i> , 2013 , 110, 101802	7.4	45
120	Observations of $B^0 \rightarrow J/\psi \ell^+ \ell^-$. <i>Nuclear Physics B</i> , 2013 , 871, 403-419	2.8	16
119	Measurement of the $B^0 \rightarrow J/\psi \ell^+ \ell^-$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 718, 902-909	4.2	31
118	Precision measurement of the B^0 oscillation frequency with the decay $B^0 \rightarrow J/\psi \ell^+ \ell^-$. <i>New Journal of Physics</i> , 2013 , 15, 053021	2.9	49
117	Exclusive $J/\psi \ell^+ \ell^-$ production in pp collisions at $\sqrt{s} = 7$ TeV. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2013 , 40, 045001	2.9	85
116	Search for the lepton-flavor-violating decays $B(s) \rightarrow \ell^+ \ell^- \ell^+ \ell^-$ and $B^0 \rightarrow \ell^+ \ell^- \ell^+ \ell^-$. <i>Physical Review Letters</i> , 2013 , 111, 141801	7.4	25
115	Precision measurement of the $B(0)$ baryon lifetime. <i>Physical Review Letters</i> , 2013 , 111, 102003	7.4	32
114	Measurement of CP violation and the B^0 meson decay width difference with $B^0 \rightarrow J/\psi K^+ K^-$ and $B^0 \rightarrow J/\psi \pi^+ \pi^-$ decays. <i>Physical Review D</i> , 2013 , 87,	4.9	66
113	Measurement of D^0 - \bar{D}^0 mixing parameters and search for CP violation using $D^0 \rightarrow K^+ \pi^-$ decays. <i>Physical Review Letters</i> , 2013 , 111, 251801	7.4	34
112	First observations of $B^0 \rightarrow J/\psi D^+ D^-$ and $D^0 D^0$ decays. <i>Physical Review D</i> , 2013 , 87,	4.9	19
111	Measurement of the $\Lambda_b(0)$, $\Lambda_b(-)$, and $\Lambda_b((-)$ Baryon masses. <i>Physical Review Letters</i> , 2013 , 110, 182001	7.4	57
110	Measurement of the CP asymmetry in $B^+ \rightarrow K^+ \pi^+ \pi^-$ decays. <i>Physical Review Letters</i> , 2013 , 111, 151801	7.4	11
109	First measurement of the CP-violating phase in $B^0 \rightarrow \pi^+ \pi^-$ decays. <i>Physical Review Letters</i> , 2013 , 110, 241802	7.4	14
108	Determination of the X(3872) meson quantum numbers. <i>Physical Review Letters</i> , 2013 , 110, 222001	7.4	234
107	Analysis of the resonant components in $B^0 \rightarrow J/\psi \pi^+ \pi^-$. <i>Physical Review D</i> , 2013 , 87,	4.9	49

106	Observation of the decay $B(c)(+) \rightarrow B(s)(0)\mu$. <i>Physical Review Letters</i> , 2013 , 111, 181801	7.4	55
105	Search for the decay $Bs^0 \rightarrow D^* \mu$. <i>Physical Review D</i> , 2013 , 87,	4.9	6
104	Measurement of the polarization amplitudes in $B^0 \rightarrow \bar{K}^*(892)0$ decays. <i>Physical Review D</i> , 2013 , 88,	4.9	15
103	Measurement of CP violation in the phase space of $B^{\pm} \rightarrow \bar{K}^{\pm} \mu^{\pm} \mu^{\mp}$ and $B^{\pm} \rightarrow \bar{K}^{\pm} K^{\pm} K^{\mp}$ decays. <i>Physical Review Letters</i> , 2013 , 111, 101801	7.4	70
102	Observation of the decay $Bc^+ \rightarrow \bar{D}S\mu$. <i>Physical Review D</i> , 2013 , 87,	4.9	28
101	Measurement of form-factor-independent observables in the decay $B^0 \rightarrow \bar{K}^*(0)\mu^{\pm}\mu^{\mp}$. <i>Physical Review Letters</i> , 2013 , 111, 191801	7.4	314
100	Observation of $Bc^+ \rightarrow \bar{D}s^+$ and $Bc^+ \rightarrow \bar{D}s^{*+}$ decays. <i>Physical Review D</i> , 2013 , 87,	4.9	46
99	Study of $B^0 \rightarrow \bar{D}^* \mu \mu$ and $B^0 \rightarrow \bar{D}^* \bar{K} \mu$ decays. <i>Physical Review D</i> , 2013 , 87,	4.9	9
98	Measurement of the CP asymmetry in $B(0) \rightarrow \bar{K}^*(0)\mu^{\pm}\mu^{\mp}$ decays. <i>Physical Review Letters</i> , 2013 , 110, 031801	7.4	21
97	Studies of the decays $B^+ \rightarrow \bar{p} p \pi^+$ and observation of $B^+ \rightarrow \bar{p}(1520) p$. <i>Physical Review D</i> , 2013 , 88,	4.9	11
96	Amplitude analysis and branching fraction measurement of $B^{\pm} \rightarrow 0 \mu^{\pm} \bar{K} + K$. <i>Physical Review D</i> , 2013 , 87,	4.9	32
95	First observation of the decay $Bs^{2*}(5840)(0) \rightarrow B^{*+} K^-$ and studies of excited $Bs(0)$ mesons. <i>Physical Review Letters</i> , 2013 , 110, 151803	7.4	42
94	First observation of $B^0 \rightarrow \bar{K} + K \mu$ and search for $B^0 \rightarrow \bar{K} \mu$ decays. <i>Physical Review D</i> , 2013 , 88,	4.9	14
93	Measurement of the $Bs(0) \rightarrow \mu \mu$ branching fraction and search for $B(0) \rightarrow \mu \mu$ decays at the LHCb experiment. <i>Physical Review Letters</i> , 2013 , 111, 101805	7.4	221
92	Measurement of the effective $Bs^0 \rightarrow \bar{K} + K$ lifetime. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 707, 349-356	4.2	16
91	Measurement of the CP violating phase. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 707, 497-505	4.2	34
90	Search for the rare decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 708, 55-67	4.2	29
89	Measurement of b-hadron masses. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 708, 241-248	4.2	55

88	First observation of the decay . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 709, 50-58	4.2	22
87	Measurement of the $B_s^0 \rightarrow B^0$ oscillation frequency Δm_s in $B_s^0 \rightarrow D_s(B)$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 709, 177-184	4.2	42
86	Observation of CP violation in $B^{\pm} \rightarrow DK^{\pm}$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 712, 203-212	4.2	69
85	Measurement of charged particle multiplicities in pp collisions at ($\sqrt{s} = 7 \text{ TeV}$) in the forward region. <i>European Physical Journal C</i> , 2012 , 72, 1	4.2	24
84	Observation of X(3872) production in pp collisions at ($\sqrt{s} = 7 \text{ TeV}$). <i>European Physical Journal C</i> , 2012 , 72, 1	4.2	121
83	Opposite-side flavour tagging of mesons at the LHCb experiment. <i>European Physical Journal C</i> , 2012 , 72, 2022	4.2	39
82	Measurement of production in collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2012 , 72, 2025	4.2	83
81	Measurement of the B^{\pm} production cross-section in pp collisions at ($\sqrt{s} = 7 \text{ TeV}$). <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	19
80	Observation of double charm production involving open charm in pp collisions at ($\sqrt{s} = 7 \text{ TeV}$). <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	86
79	Measurement of the isospin asymmetry in $B \rightarrow K^{(*)} \pi$ decays. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	59
78	Measurement of b-hadron branching fractions for two-body decays into charmless charged hadrons. <i>Journal of High Energy Physics</i> , 2012 , 2012,	5.4	51
77	Study of $D^{\pm} \rightarrow K_{\text{S}}^{\pm} K^{\pm}$ and $D^0 \rightarrow K^+ K^-$ final states in pp collisions. <i>Journal of High Energy Physics</i> , 2012 , 2012,	5.4	24
76	Measurement of the fraction of $\chi(1S)$ originating from $B(1P)$ decays in pp collisions at ($\sqrt{s} = 7 \text{ TeV}$). <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	17
75	First observation of the decay $B^+ \rightarrow \pi^+ \pi^0$. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	35
74	Evidence for CP violation in time-integrated $D^0 \rightarrow h^+ h^-$ decay rates. <i>Physical Review Letters</i> , 2012 , 108, 111602	7.4	150
73	Measurements of the branching fractions and CP asymmetries of $B^{\pm} \rightarrow \rho^{\pm} \pi$ and $B^{\pm} \rightarrow \rho^{\pm} \pi^0$ decays. <i>Physical Review D</i> , 2012 , 85,	4.9	19
72	First evidence of direct CP violation in charmless two-body decays of B_s^0 mesons. <i>Physical Review Letters</i> , 2012 , 108, 201601	7.4	43
71	Measurement of the ratio of branching fractions $B(B^0 \rightarrow K^+ K^-) / B(B^0 \rightarrow \pi^+ \pi^-)$. <i>Physical Review D</i> , 2012 , 85,	4.9	12

70	Searches for Majorana neutrinos in $B \rightarrow \mu \mu$ decays. <i>Physical Review D</i> , 2012 , 85,	4.9	47
69	Measurement of b hadron production fractions in 7 TeV pp collisions. <i>Physical Review D</i> , 2012 , 85,	4.9	105
68	Measurement of the β . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 713, 172-179	4.2	12
67	Measurement of the β . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 713, 186-195	4.2	33
66	Measurement of the polarization amplitudes and triple product asymmetries in the $B \rightarrow \mu \mu$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 713, 369-377	4.2	13
65	Measurement of the CP-violating phase β . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 713, 378-386	4.2	31
64	Measurement of the cross-section ratio $\sigma(B \rightarrow \mu \mu) / \sigma(B \rightarrow \mu \mu)$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 714, 215-223	4.2	41
63	Measurement of relative branching fractions of decays to (2) and $/$ mesons. <i>European Physical Journal C</i> , 2012 , 72, 2118	4.2	18
62	Measurement of prompt hadron production ratios in pp collisions at $(\sqrt{s} = 0.9 \text{ TeV})$. <i>European Physical Journal C</i> , 2012 , 72, 1	4.2	23
61	Measurement of the effective β . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 716, 393-400	4.2	10
60	A model-independent Dalitz plot analysis of $B \rightarrow \mu \mu$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 718, 43-55	4.2	20
59	Measurement of the ratio of prompt $B \rightarrow \mu \mu$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 718, 431-440	4.2	42
58	Measurement of mixing and CP violation parameters in two-body charm decays. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	22
57	First observation of the decay $B(c) \rightarrow \mu \mu$. <i>Physical Review Letters</i> , 2012 , 108, 251802	7.4	50
56	Differential branching fraction and angular analysis of the decay $B \rightarrow \mu \mu$. <i>Physical Review Letters</i> , 2012 , 108, 181806	7.4	39
55	Measurement of the $B(s)(0)$ effective lifetime in the $J/\psi(980)$ final state. <i>Physical Review Letters</i> , 2012 , 109, 152002	7.4	14
54	First observation of the decays $B(0) \rightarrow \mu \mu$ and $B(-) \rightarrow \mu \mu$. <i>Physical Review Letters</i> , 2012 , 108, 161801	7.4	8
53	Observation of excited $(b)(0)$ baryons. <i>Physical Review Letters</i> , 2012 , 109, 172003	7.4	68

52	Analysis of the resonant components in $B_{s0} \rightarrow \mu^+ \mu^-$. <i>Physical Review D</i> , 2012 , 86,	4.9	59
51	Determination of the sign of the decay width difference in the $B(s)(0)$ system. <i>Physical Review Letters</i> , 2012 , 108, 241801	7.4	55
50	Measurement of the $B_{s0} \rightarrow \mu^+ \mu^-$ branching fraction and angular amplitudes. <i>Physical Review D</i> , 2012 , 86,	4.9	17
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48	Search for lepton number violating decays $B^+ \rightarrow \mu^+ \mu^+ \mu^-$ and $B^+ \rightarrow \mu^+ \mu^- \mu^+$. <i>Physical Review Letters</i> , 2012 , 108, 101601	7.4	35
47	Measurement of the CP-violating phase $\phi(s)$ in the decay $B(s)(0) \rightarrow J/\psi$. <i>Physical Review Letters</i> , 2012 , 108, 101803	7.4	95
46	First observation of the decays $B_{s1} \rightarrow D_s^+ K^0$ and $B_{s1} \rightarrow D_s^0 K^+$. <i>Physical Review D</i> , 2012 , 86,	4.9	9
45	Measurements of $B(c)^+$ production and mass with the $B(c)^+ \rightarrow J/\psi$ decay. <i>Physical Review Letters</i> , 2012 , 109, 232001	7.4	53
44	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> , 2012 , 109, 131801	7.4	22
43	Observation of $B(s)(0) \rightarrow J/\psi(2)^0(1525) K^-$ final states. <i>Physical Review Letters</i> , 2012 , 108, 151801	7.4	16
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41	Measurement of the inclusive π^0 cross-section in pp collisions at $\sqrt{s} = 7$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 703, 267-273	4.2	18
40	Determination of π^0 scattering lengths from measurement of $\pi^0 \rightarrow \gamma \gamma$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 704, 24-29	4.2	31
39	First observation of the decay $B^0 \rightarrow \pi^0 \pi^0$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 706, 32-39	4.2	14
38	Measurement of J/ψ production in pp collisions at $\sqrt{s} = 7$ TeV. <i>European Physical Journal C</i> , 2011 , 71, 1	4.2	216
37	Measurement of V_0 production ratios in pp collisions at $\sqrt{s} = 0.9$ and 7 TeV. <i>Journal of High Energy Physics</i> , 2011 , 2011, 1	5.4	12
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