

# Leandro de Paula

## 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.

571  
papers

19,610  
citations

64  
h-index

112  
g-index

587  
ext. papers

22,788  
ext. citations

5.1  
avg, IF

6.4  
L-index

#	Paper	IF	Citations
571	Measurement of the relative $B_{D^0}/D^{*0}/D^{*0}$ branching fractions using $B$ mesons from $B_{S^2}^0$ decays. <i>Physical Review D</i> , <b>2019</b> , 99,	4.9	2
570	Measurement of the Charm-Mixing Parameter $y_{CP}$ . <i>Physical Review Letters</i> , <b>2019</b> , 122, 011802	7.4	8
569	Search for CP Violation in $D_{s^+}^+-K_{S^0}^0$ , $D^+-K_{S^0}^0$ , and $D^+-K^+$ Decays. <i>Physical Review Letters</i> , <b>2019</b> , 122, 191803	7.4	2
568	Observation of $B_{(s)^0}^0/\bar{B}^0$ Decays and Precision Measurements of the $B_{(s)^0}$ Masses. <i>Physical Review Letters</i> , <b>2019</b> , 122, 191804	7.4	4
567	Measurement of $B^+$ , $B^0$ and $\bar{B}^0$ production in pPb collisions at $\sqrt{s_{NN}}=8.16$ TeV. <i>Physical Review D</i> , <b>2019</b> , 99,	4.9	12
566	Observation of CP Violation in Charm Decays. <i>Physical Review Letters</i> , <b>2019</b> , 122, 211803	7.4	51
565	Observation of a Narrow Pentaquark State, $P_{c}(4312)^+$ , and of the Two-Peak Structure of the $P_{c}(4450)^+$ . <i>Physical Review Letters</i> , <b>2019</b> , 122, 222001	7.4	199
564	Observation of an Excited $B_{c^+}$ State. <i>Physical Review Letters</i> , <b>2019</b> , 122, 232001	7.4	18
563	Search for Lepton-Universality Violation in $B^+-K^+_{S^0}$ Decays. <i>Physical Review Letters</i> , <b>2019</b> , 122, 191801	7.4	137
562	Observation of the doubly Cabibbo-suppressed decay $B_c^- \rightarrow c^- \bar{p}$ . <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1	5.4	2
561	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
560	Search for CP violation through an amplitude analysis of $D^0 \rightarrow \bar{K}^+ K^0$ decays. <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1	5.4	2
559	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
558	Measurement of the mass and production rate of $B$ baryons. <i>Physical Review D</i> , <b>2019</b> , 99,	4.9	9
557	Measurement of the branching fractions of the decays $D^+ \rightarrow \bar{K}^+ K^+$ , $D^+ \rightarrow \bar{K}^+ K^+$ and $D^+ s^+ \rightarrow \bar{K}^+ K^+$ . <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019,	5.4	3
556	Study of the $B^0 \rightarrow \bar{K}^*(892)^0$ decay with an amplitude analysis of $B^0 \rightarrow \bar{K}^*(K^+)$ decays. <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1	5.4	2
555	Measurement of the ratio of branching fractions of the decays $D^0 \rightarrow b^- \bar{K}^0$ and $D^0 \rightarrow b^- \bar{K}^0$ . <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1	5.4	1

554	Dalitz plot analysis of the $D^+ \rightarrow K^+ K^+ K^-$ decay. <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1	5-4	4
553	Amplitude analysis of $B^0 \rightarrow K^+ K^- K^0$ decays. <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1	5-4	5
552	Measurement of the branching fraction and (C)P asymmetry in $(B^+ \rightarrow J/\psi \rho^+)$ decays. <i>European Physical Journal C</i> , <b>2019</b> , 79, 1	4-2	1
551	Measurement of the Mass Difference Between Neutral Charm-Meson Eigenstates. <i>Physical Review Letters</i> , <b>2019</b> , 122, 231802	7-4	39
550	Near-threshold $(\overline{D}^0)$ spectroscopy and observation of a new charmonium state. <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1	5-4	16
549	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
548	Prompt $\bar{D}^0$ 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
547	Observation of Two Resonances in the $(B^0)$ Systems and Precise Measurement of $(B^0)$ and $(B^0)$ Properties. <i>Physical Review Letters</i> , <b>2019</b> , 122, 012001	7-4	29
546	Search for excited $B^+ c$ states. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5-4	13
545	Search for Dark Photons Produced in 13 TeV pp Collisions. <i>Physical Review Letters</i> , <b>2018</b> , 120, 061801	7-4	75
544	First observation of forward $Z \rightarrow b\bar{b}$ production in pp collisions at $\sqrt{s}=8$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2018</b> , 776, 430-439	4-2	1
543	Measurement of CP observables in $B^0 \rightarrow D^+ K^-$ and $B^0 \rightarrow D^+ K^-$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2018</b> , 777, 16-30	4-2	10
542	A measurement of the CP asymmetry difference between $\bar{D}^0 \rightarrow K^+ K^-$ and $D^0 \rightarrow K^+ K^-$ decays. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018,	5-4	9
541	Measurement of CP asymmetry in $B^0 \rightarrow D^+ K^-$ decays. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5-4	4
540	Search for the lepton-flavour violating decays $B^0 \rightarrow e^+ \mu^-$ . <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5-4	15
539	First measurement of the CP-violating phase $(\phi_s^{\overline{D}^0})$ in $B^0 \rightarrow K^+ \overline{D}^0$ decays. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5-4	6
538	Test of lepton flavor universality by the measurement of the $B^0 \rightarrow D^+ \mu^-$ branching fraction using three-prong $D$ decays. <i>Physical Review D</i> , <b>2018</b> , 97,	4-9	106
537	Measurement of the Ratio of the $B^0 \rightarrow D^+ \mu^-$ and $B^0 \rightarrow D^+ e^-$ Branching Fractions Using Three-Prong Lepton Decays. <i>Physical Review Letters</i> , <b>2018</b> , 120, 171802	7-4	126

536	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> , <b>2018</b> , 120, 121801	7.4	109
535	Search for $B_{c^+}$ decays to two charm mesons. <i>Nuclear Physics B</i> , <b>2018</b> , 930, 563-582	2.8	4
534	Measurement of the Lifetime of the Doubly Charmed Baryon $\Xi_{cc}^{++}$ . <i>Physical Review Letters</i> , <b>2018</b> , 121, 052002	7.4	44
533	Measurement of branching fractions of charmless four-body $\bar{D}^0 b$ and $\bar{D}^0 \bar{b}$ decays. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	8
532	Observation of the decay $B^0 \rightarrow \bar{D}^+ pp^0$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2018</b> , 784, 101-111	4.2	7
531	Observation of a New $\Xi_{bb}^0$ Resonance. <i>Physical Review Letters</i> , <b>2018</b> , 121, 072002	7.4	50
530	Evidence for the Rare Decay $\bar{D}^+ \rightarrow \bar{D}^0 \pi^+$ . <i>Physical Review Letters</i> , <b>2018</b> , 120, 221803	7.4	8
529	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
528	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
527	Study of $\psi$ production in pPb collisions at $(\sqrt{s_{NN}} = 8.16)$ TeV. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	8
526	Search for beautiful tetraquarks in the $\psi(1S)$ invariant-mass spectrum. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	21
525	Search for CP violation in $B^0 \rightarrow \bar{D}^+ K^-$ and $B^0 \rightarrow \bar{D}^+ \pi^-$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2018</b> , 787, 124-133	4.2	9
524	Search for lepton-flavour-violating decays of Higgs-like bosons. <i>European Physical Journal C</i> , <b>2018</b> , 78, 1008	4.2	3
523	Evidence for an resonance in decays. <i>European Physical Journal C</i> , <b>2018</b> , 78, 1019	4.2	26
522	Observation of the decay $B_{s0} \rightarrow D^0 K^+ K^-$ . <i>Physical Review D</i> , <b>2018</b> , 98,	4.9	6
521	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> , <b>2018</b> , 98,	4.9	5
520	Measurement of Antiproton Production in p-He Collisions at $\sqrt{s_{NN}} = 110$ GeV. <i>Physical Review Letters</i> , <b>2018</b> , 121, 222001	7.4	22
519	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

518	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
517	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
516	Observation of the decay ( $\overline{B}_s^0 \rightarrow \chi_{c2}^+ K^-$ ) in the $\chi$ mass region. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5-4	0
515	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
514	Studies of the resonance structure in decays. <i>European Physical Journal C</i> , <b>2018</b> , 78, 443	4-2	11
513	Angular moments of the decay $B \rightarrow \mu^+ \mu^-$ at low hadronic recoil. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5-4	17
512	Measurement of Z 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
511	First Observation of the Doubly Charmed Baryon Decay $\Xi_{cc}^{++} \rightarrow \Sigma_c^+ \Lambda^+$ . <i>Physical Review Letters</i> , <b>2018</b> , 121, 162002	7-4	54
510	Measurement of the CKM angle $\alpha$ using $B \rightarrow DK$ with $D \rightarrow K^* K$ decays. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5-4	9
509	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
508	Measurement of Angular and CP Asymmetries in $D^{*0} \rightarrow \mu^+ \mu^- \mu^+ \mu^-$ and $D^{*0} \rightarrow K^+ K^- \mu^+ \mu^-$ Decays. <i>Physical Review Letters</i> , <b>2018</b> , 121, 091801	7-4	8
507	Measurement of the $\Xi_c^0$ Baryon Lifetime. <i>Physical Review Letters</i> , <b>2018</b> , 121, 092003	7-4	12
506	Evidence for the decay ( $B_s^0 \rightarrow \overline{K}^* \mu^+ \mu^-$ ). <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5-4	15
505	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
504	Observation of the decay $B \rightarrow \mu^+ \mu^-$ . <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5-4	5
503	Measurement of the CP asymmetry in $B \rightarrow D^0$ and $B \rightarrow D^0 D^0$ decays. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5-4	1
502	Search for CP violation using triple product asymmetries in $B \rightarrow K^* K$ and $B \rightarrow K^* K$ decays. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5-4	7
501	Updated determination of $D^0 \rightarrow D^0$ mixing and CP violation parameters with $D^0 \rightarrow K^* \mu^+ \mu^-$ decays. <i>Physical Review D</i> , <b>2018</b> , 97,	4-9	11

500	Search for the rare decay $B^+ \rightarrow \rho^0 \pi^0$ . <i>Physical Review D</i> , <b>2018</b> , 97,	4.9	9
499	Search for weakly decaying b-flavored pentaquarks. <i>Physical Review D</i> , <b>2018</b> , 97,	4.9	5
498	First observation of $B^+ \rightarrow \rho^0 \pi^0$ decays and a search for $B^+ \rightarrow \rho^0 \pi^0$ decays. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	6
497	Measurements of the branching fractions of $B^+ \rightarrow \rho^0 \pi^0$ , $B^+ \rightarrow \rho^0 \pi^0$ , and $B^+ \rightarrow \rho^0 \pi^0$ . <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018,	5.4	8
496	Measurement of CP violation in $B^0 \rightarrow \rho^0 \pi^0$ decays. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	2
495	Amplitude Analysis of the Decay $B^+ \rightarrow \rho^0 \pi^0$ and First Observation of the CP Asymmetry in $B^+ \rightarrow \rho^0 \pi^0$ . <i>Physical Review Letters</i> , <b>2018</b> , 120, 261801	7.4	7
494	Search for the CP-violating strong decays $B^+ \rightarrow \rho^0 \pi^0$ and $B^+ \rightarrow \rho^0 \pi^0$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2017</b> , 764, 233-240	4.2	7
493	Search for the suppressed decays $B^+ \rightarrow \rho^0 \pi^0$ and $B^+ \rightarrow \rho^0 \pi^0$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2017</b> , 765, 307-316	4.2	8
492	Measurement of matter-antimatter differences in beauty baryon decays. <i>Nature Physics</i> , <b>2017</b> , 13, 391-396.	6.2	45
491	Amplitude analysis of $B^+ \rightarrow \rho^0 \pi^0$ decays. <i>Physical Review D</i> , <b>2017</b> , 95,	4.9	56
490	Observation of $J/\psi$ Structures Consistent with Exotic States from Amplitude Analysis of $B^+ \rightarrow \rho^0 \pi^0$ Decays. <i>Physical Review Letters</i> , <b>2017</b> , 118, 022003	7.4	98
489	Observation of the Annihilation Decay Mode $B^0 \rightarrow \rho^0 \pi^0$ . <i>Physical Review Letters</i> , <b>2017</b> , 118, 081801.	7.4	18
488	First Experimental Study of Photon Polarization in Radiative $B_{s^*}^0$ Decays. <i>Physical Review Letters</i> , <b>2017</b> , 118, 021801	7.4	16
487	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
486	Observation of the decay $B_s^0 \rightarrow \rho^0 \pi^0$ and evidence for $B^0 \rightarrow \rho^0 \pi^0$ . <i>Physical Review D</i> , <b>2017</b> , 95,	4.9	17
485	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
484	Measurement of the phase difference between short- and long-distance amplitudes in the $B^+ \rightarrow \rho^0 \pi^0$ decay. <i>European Physical Journal C</i> , <b>2017</b> , 77, 161	4.2	25
483	Study of the $D^0 \rightarrow \rho^0 \pi^0$ amplitude in $B^+ \rightarrow \rho^0 \pi^0$ decays. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	33

482	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
481	Observation of [Formula: see text] and [Formula: see text] decays. <i>European Physical Journal C</i> , <b>2017</b> , 77, 72	4.2	4
480	Measurement of CP asymmetry in $D^0 \rightarrow \bar{K}^0 K^0$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2017</b> , 767, 177-187	4.2	11
479	Observation of the Decay $\Lambda_b^0 \rightarrow \bar{p} K^0$ . <i>Physical Review Letters</i> , <b>2017</b> , 118, 071801	7.4	7
478	Search for long-lived scalar particles in $B \rightarrow K + \text{[unintelligible]}$ decays. <i>Physical Review D</i> , <b>2017</b> , 95,	4.9	48
477	Study of prompt $D^0$ meson production in pPb collisions at $(\sqrt{s_{\text{NN}}})=5$ TeV. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	27
476	Prompt and nonprompt $J/\psi$ 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> , <b>2017</b> , 774, 159-178	4.2	26
475	Observation of charmless baryonic decays $B(s) \rightarrow \bar{p} \Lambda^0$ . <i>Physical Review D</i> , <b>2017</b> , 96,	4.9	5
474	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
473	Improved limit on the branching fraction of the rare decay. <i>European Physical Journal C</i> , <b>2017</b> , 77, 678	4.2	7
472	Observation of $B_c \rightarrow \bar{D}^{(*)} K^{(*)}$ decays. <i>Physical Review D</i> , <b>2017</b> , 95,	4.9	8
471	Measurements of charm mixing and CP violation using $D^0 \rightarrow \bar{K}^0 \pi^0$ decays. <i>Physical Review D</i> , <b>2017</b> , 95,	4.9	8
470	Measurement of the $B_{\text{CP}}$ production asymmetry and the CP asymmetry in $B_{\text{CP}} \rightarrow \bar{K}^0$ decays. <i>Physical Review D</i> , <b>2017</b> , 95,	4.9	6
469	Measurement of the ratio of branching fractions and difference in CP asymmetries of the decays $B \rightarrow \bar{K}^0 \pi^0$ and $B \rightarrow \bar{K}^0 \pi^+$ . <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	2
468	Search for the $B \rightarrow \text{[unintelligible]}$ decay. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	1
467	Observation of the decay $\Lambda_b^0 \rightarrow \bar{p} K^0 \pi^0$ and a search for CP violation. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017,	5.4	5
466	Measurement of $B_{\text{s}}^0$ and $D_{\text{s}}^{\pm}$ Meson Lifetimes. <i>Physical Review Letters</i> , <b>2017</b> , 119, 101801	7.4	10
465	Observation of the Doubly Charmed Baryon $\Lambda_{\text{cc}}^{++}$ . <i>Physical Review Letters</i> , <b>2017</b> , 119, 112001	7.4	257

464	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> , <b>2017</b> , 118, 261803	7.4	11
463	Observation of $B_{c^+} \rightarrow \bar{D}^0 K^+$ Decays. <i>Physical Review Letters</i> , <b>2017</b> , 118, 111803	7.4	13
462	Observation of Five New Narrow $\chi_{c^0}$ States Decaying to $\chi_{c^+} K^-$ . <i>Physical Review Letters</i> , <b>2017</b> , 118, 182001	7.4	154
461	Measurement of CP asymmetries in $D_{s1} \rightarrow \pi \pi$ and $D_s \rightarrow \pi \pi$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2017</b> , 771, 21-30	4.2	6
460	Observation of $\bar{B}(2S) \rightarrow \bar{p} \pi^+$ and search for $X(3872) \rightarrow \bar{p} \pi^+$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2017</b> , 769, 305-313	4.2	16
459	Observation of the $B \rightarrow \bar{B} \pi$ decay. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2017</b> , 772, 265-273	4.2	15
458	Measurement of the $B_{s^0} \rightarrow \pi^+ \pi^-$ 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
457	Study of $J/\psi$ Production in Jets. <i>Physical Review Letters</i> , <b>2017</b> , 118, 192001	7.4	20
456	Observation of the Decays $\bar{B}^0 \rightarrow \bar{D}^0 \pi^+$ and $\bar{B}^0 \rightarrow \bar{D}^0 \pi^0$ . <i>Physical Review Letters</i> , <b>2017</b> , 119, 062001	7.4	22
455	Observation of the $B^+ \rightarrow \bar{D}^0 K^+$ decay. <i>Physical Review D</i> , <b>2017</b> , 96,	4.9	2
454	Search for the Decays $B_{s^0} \rightarrow \pi^+ \pi^-$ and $B^0 \rightarrow \pi^+ \pi^-$ . <i>Physical Review Letters</i> , <b>2017</b> , 118, 251802	7.4	40
453	Measurement of the shape of the $B^0 \rightarrow \pi^+ \pi^0$ differential decay rate. <i>Physical Review D</i> , <b>2017</b> , 96,	4.9	23
452	Observation of the suppressed decay $B \rightarrow \bar{p} \pi^+ \pi^0$ . <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	10
451	Test of lepton universality with $B^0 \rightarrow \bar{K}^* \pi^0$ decays. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	298
450	$\chi_{c1}$ and $\chi_{c2}$ Resonance Parameters with the Decays $\chi_{c1, c2} \rightarrow \bar{D}^0 \pi^+$ . <i>Physical Review Letters</i> , <b>2017</b> , 119, 221801	7.4	8
449	Observation of $D^0$ Meson Decays to $\pi^+ \pi^- \pi^+$ and $K^+ K^- \pi^+$ Final States. <i>Physical Review Letters</i> , <b>2017</b> , 119, 181805	7.4	14
448	Search for Baryon-Number Violating $\bar{B}^0$ Oscillations. <i>Physical Review Letters</i> , <b>2017</b> , 119, 181807	7.4	1
447	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



446	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
445	Measurements of prompt charm production cross-sections in pp collisions at $\sqrt{s} = 5$ TeV. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017,	5.4	16
444	Search for CP violation in the phase space of $D^0 \rightarrow \pi^+ \pi^- \pi^0$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2017</b> , 769, 345-356	4.2	7
443	Evidence for the two-body charmless baryonic decay ( $\Lambda_b^+ \rightarrow p \bar{\Lambda}^0$ ). <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	4
442	First Observation of the Rare Purely Baryonic Decay $B^0 \rightarrow p \bar{p}$ . <i>Physical Review Letters</i> , <b>2017</b> , 119, 232001	7.4	4
441	Resonances and CP violation in $B^0 \rightarrow J/\psi K^+ K^-$ and ( $\overline{B}^0 \rightarrow J/\psi K^+ K^-$ ) decays in the mass region above the $\chi(1020)$ . <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	13
440	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
439	Measurement of CP observables in $B^0 \rightarrow DK^*$ decays using two- and four-body D final states. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	4
438	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
437	Measurement of CP violation in $B^0 \rightarrow J/\psi K^0$ and $B^0 \rightarrow \psi(2S) K^0$ decays. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017,	5.4	2
436	First Observation of a Baryonic $B_{s^0}^0$ Decay. <i>Physical Review Letters</i> , <b>2017</b> , 119, 041802	7.4	10
435	Updated search for long-lived particles decaying to jet pairs. <i>European Physical Journal C</i> , <b>2017</b> , 77, 812	4.2	23
434	Updated branching fraction measurements of $B^0 \rightarrow K^0 h^+ h^-$ decays. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017,	5.4	4
433	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
432	Observation of the decay $B^0 \rightarrow \pi^+ \pi^-$ and evidence for $B^0 \rightarrow \pi^+ \pi^- \pi^0$ . <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017,	5.4	6
431	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
430	Measurement of the $B^0$ production cross-section in pp collisions at $\sqrt{s} = 7$ and 13 TeV. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017,	5.4	8
429	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

428	Measurement of the CP Asymmetry in $B_{s^0}$ - $B$ Mixing. <i>Physical Review Letters</i> , <b>2016</b> , 117, 061803	7.4	18
427	Model-Independent Evidence for $J/\psi$ Contributions to $B^0$ - $B^0$ Decays. <i>Physical Review Letters</i> , <b>2016</b> , 117, 082002	7.4	85
426	Evidence for Exotic Hadron Contributions to $B^0$ - $B^0$ Decays. <i>Physical Review Letters</i> , <b>2016</b> , 117, 082003	7.4	91
425	Studies of the resonance structure in $D^0$ - $\bar{D}^0$ decays. <i>Physical Review D</i> , <b>2016</b> , 93,	4.9	13
424	Measurement of the mass and lifetime of the $\Sigma^0$ baryon. <i>Physical Review D</i> , <b>2016</b> , 93,	4.9	6
423	First Observation of $D^0$ - $\bar{D}^0$ Oscillations in $D^0$ - $K^+K^-$ Decays and Measurement of the Associated Coherence Parameters. <i>Physical Review Letters</i> , <b>2016</b> , 116, 241801	7.4	16
422	First observation of the rare $B^+\rightarrow D^+K^0$ decay. <i>Physical Review D</i> , <b>2016</b> , 93,	4.9	3
421	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
420	Constraints on the unitarity triangle angle $\alpha$ from Dalitz plot analysis of $B^0\rightarrow D^+K^-$ decays. <i>Physical Review D</i> , <b>2016</b> , 93,	4.9	6
419	Observation of $B_{s^0}\rightarrow D^0K_S^0$ and Evidence for $B_{s^0}\rightarrow D^0K_S^{*0}$ Decays. <i>Physical Review Letters</i> , <b>2016</b> , 116, 161802	7.4	5
418	Measurement of the Difference of Time-Integrated CP Asymmetries in $D^0\rightarrow K^+K^-$ and $D^0\rightarrow K^+K^0$ Decays. <i>Physical Review Letters</i> , <b>2016</b> , 116, 191601	7.4	25
417	Search for Violations of Lorentz Invariance and CPT Symmetry in $B_{s^0}$ Mixing. <i>Physical Review Letters</i> , <b>2016</b> , 116, 241601	7.4	22
416	Search for Structure in the $B_{s^0}$ Invariant Mass Spectrum. <i>Physical Review Letters</i> , <b>2016</b> , 117, 152003	7.4	64
415	Differential branching fraction and angular moments analysis of the decay $B^0\rightarrow K^+K^-$ in the $K^*0,2(1430)^0$ region. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	11
414	Study of $D^*(*)+sJ$ mesons decaying to $D^*+K^0S$ and $D^*0K^+$ final states. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	7
413	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
412	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
411	Model-independent measurement of mixing parameters in $D^0\rightarrow K^0K^0$ decays. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016,	5.4	11

410	Measurements of prompt charm production cross-sections in pp collisions at ( $\sqrt{s}=13$ ) TeV. <i>Journal of High Energy Physics, 2016, 2016, 1</i>	5-4	65
409	First observation of the decay $B^0 \rightarrow \rho^0 K^*(892)^0$ at LHCb. <i>Journal of High Energy Physics, 2016, 2016, 1</i>	5-4	3
408	Observation of the $B^0 \rightarrow \rho^0 \pi^0$ decay. <i>Journal of High Energy Physics, 2016, 2016, 1</i>	5-4	7
407	First observation of the decay $D^0 \rightarrow \mu^+ \mu^-$ in the $\mu\mu$ region of the dimuon mass spectrum. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 757, 558-567</i>	4-2	10
406	Angular analysis of the $B^0 \rightarrow \rho^0 \pi^0$ decay using 3 fb <sup>-1</sup> of integrated luminosity. <i>Journal of High Energy Physics, 2016, 2016, 1</i>	5-4	232
405	A precise measurement of the [Formula: see text] meson oscillation frequency. <i>European Physical Journal C, 2016, 76, 412</i>	4-2	6
404	Search for Higgs-like bosons decaying into long-lived exotic particles. <i>European Physical Journal C, 2016, 76, 664</i>	4-2	16
403	Observations of $D^0 \rightarrow \rho^0 \pi^0$ and $D^0 \rightarrow \rho^0 K^0$ decays and searches for other $D^0$ and $D^0$ decays to $B + h^0$ final states. <i>Journal of High Energy Physics, 2016, 2016, 1</i>	5-4	17
402	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, 2016, 2016, 1</i>	5-4	8
401	Observation of $D^0 \rightarrow \rho^0 \pi^0$ and $D^0 \rightarrow \rho^0 K^0$ decays and a measurement of the $D^0$ baryon mass. <i>Journal of High Energy Physics, 2016, 2016, 1</i>	5-4	15
400	Measurement of the properties of the $\Lambda_b^0$ baryon. <i>Journal of High Energy Physics, 2016, 2016,</i>	5-4	15
399	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, 2016, 2016, 1</i>	5-4	25
398	Measurement of the CKM angle $\Gamma$ using $B^0 \rightarrow \rho^0 K^0$ with $D \rightarrow \rho^0 \pi^0$ decays. <i>Journal of High Energy Physics, 2016, 2016,</i>	5-4	6
397	Measurement of the forward Z boson production cross-section in pp collisions at ( $\sqrt{s}=13$ ) TeV. <i>Journal of High Energy Physics, 2016, 2016, 1</i>	5-4	13
396	Measurement of the ratio of branching fractions ( $\frac{\mathcal{B}(\text{B} \rightarrow \text{J} \mu^+ \mu^-)}{\mathcal{B}(\text{B} \rightarrow \text{K} \mu^+ \mu^-)}$ ). <i>Journal of High Energy Physics, 2016, 2016, 1</i>	5-4	5
395	Measurement of forward W $\rightarrow \mu \nu$ production in pp collisions at ( $\sqrt{s}=8$ ) TeV. <i>Journal of High Energy Physics, 2016, 2016, 1</i>	5-4	8
394	Measurement of the CKM angle $\Gamma$ from a combination of LHCb results. <i>Journal of High Energy Physics, 2016, 2016, 1</i>	5-4	23
393	Measurements of the S-wave fraction in $B^0 \rightarrow \rho^0 \pi^0$ decays and the $B^0 \rightarrow \rho^0 K^0$ differential branching fraction. <i>Journal of High Energy Physics, 2016, 2016, 1</i>	5-4	48

392	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
391	A new algorithm for identifying the flavour of B <sub>s</sub> mesons at LHCb. <i>Journal of Instrumentation</i> , <b>2016</b> , 11, P05010-P05010	1	10
390	Amplitude analysis of B <sub>s</sub> <sup>0</sup> → D <sub>s</sub> <sup>+</sup> π <sup>-</sup> decays. <i>Physical Review D</i> , <b>2016</b> , 94,	4.9	45
389	Study of B <sub>c</sub> <sup>+</sup> decays to the K <sup>+</sup> K <sub>s</sub> <sup>0</sup> final state and evidence for the decay B <sub>c</sub> <sup>+</sup> → B <sub>s</sub> <sup>0</sup> π <sup>+</sup> . <i>Physical Review D</i> , <b>2016</b> , 94,	4.9	17
388	Measurement of CP Violation in B <sup>0</sup> → D <sup>+</sup> D <sup>-</sup> Decays. <i>Physical Review Letters</i> , <b>2016</b> , 117, 261801	7.4	6
387	Measurement of the B <sub>s</sub> <sup>0</sup> → π lifetime. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2016</b> , 762, 484-492	4.2	4
386	Search for the lepton-flavour violating decay D <sup>0</sup> → e <sup>+</sup> μ <sup>-</sup> . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2016</b> , 754, 167-175	4.2	14
385	Model-independent measurement of the CKM angle $\alpha$ using B <sup>0</sup> → D <sup>+</sup> K <sup>-</sup> decays with D → K <sup>0</sup> S <sup>+</sup> π <sup>-</sup> and K <sup>0</sup> S <sup>+</sup> K <sup>+</sup> . <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	6
384	First study of the CP-violating phase and decay-width difference in B <sub>s</sub> <sup>0</sup> → D <sub>s</sub> <sup>±</sup> π <sup>∓</sup> decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2016</b> , 762, 253-262	4.2	13
383	Measurements of long-range near-side angular correlations in $\sqrt{s_{NN}}=5\text{TeV}$ 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
382	Search for B <sub>c</sub> <sup>+</sup> decays to the pp <sup>+</sup> π <sup>-</sup> final state. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2016</b> , 759, 313-321	4.2	10
381	Observation of the B <sup>0</sup> → π decay. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2016</b> , 759, 282-292	4.2	12
380	Measurement of CP observables in B <sub>s</sub> <sup>0</sup> → D <sub>s</sub> <sup>±</sup> K <sub>s</sub> <sup>0</sup> and B <sub>s</sub> <sup>0</sup> → D <sub>s</sub> <sup>±</sup> π <sup>∓</sup> 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
379	Determination of the quark coupling strength  V <sub>ub</sub>   using baryonic decays. <i>Nature Physics</i> , <b>2015</b> , 11, 743-747	7.4	79
378	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
377	Study of the rare B <sub>s</sub> <sup>0</sup> and B <sup>0</sup> decays into the π <sup>±</sup> π <sup>∓</sup> final state. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2015</b> , 743, 46-55	4.2	13
376	Measurement of the semileptonic CP asymmetry in B <sup>0</sup> → B <sup>0</sup> mixing. <i>Physical Review Letters</i> , <b>2015</b> , 114, 041601	7.4	28
375	Precision measurement of CP violation in B(S)(0) → B <sub>s</sub> <sup>0</sup> + K <sup>-</sup> decays. <i>Physical Review Letters</i> , <b>2015</b> , 114, 041801	7.4	53

374	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
373	LHCb detector performance. <i>International Journal of Modern Physics A</i> , <b>2015</b> , 30, 1530022	1.2	452
372	Search for long-lived particles decaying to jet pairs. <i>European Physical Journal C</i> , <b>2015</b> , 75, 152	4.2	26
371	Search for CP violation in $D_0 \rightarrow \pi^0 \pi^0$ 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
370	Study of $B^0$ mixing from measurement of $B(s) \rightarrow \rho^0 \pi^0$ decay rates. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015,	5.4	8
369	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
368	Search for the lepton flavour violating decay $B \rightarrow \mu^+ \tau^- \nu$ . <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5.4	22
367	Precise measurements of the properties of the $B(5721)^{0,+}$ and $B^*(5747)^{0,+}$ states and observation of $B_{c1}^+$ mass structures. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5.4	14
366	Measurement of indirect CP asymmetries in $D_0 \rightarrow \pi^0 K^+$ and $D_0 \rightarrow \pi^0 \pi^0$ decays using semileptonic B decays. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015,	5.4	14
365	Observation of the rare $B(s)(0) \rightarrow \pi^0 \pi^0$ decay from the combined analysis of CMS and LHCb data. <i>Nature</i> , <b>2015</b> , 522, 68-72	50.4	326
364	Identification of beauty and charm quark jets at LHCb. <i>Journal of Instrumentation</i> , <b>2015</b> , 10, P06013-P06013		32
363	Measurement of the $B \rightarrow \pi \pi$ production cross-section in proton-proton collisions via the decay $B \rightarrow \pi \pi$ . <i>European Physical Journal C</i> , <b>2015</b> , 75, 311	4.2	41
362	Study of CP violation in $B^0 \rightarrow \pi^0 h^0$ ( $h=K, \eta$ ) with the modes $D \rightarrow K^0 \pi^0$ , $D \rightarrow \pi^0 \pi^0$ and $D \rightarrow K^0 K^0$ . <i>Physical Review D</i> , <b>2015</b> , 91,	4.9	13
361	Study of $B \rightarrow K^0 \pi^0$ and $B \rightarrow \pi^0 \pi^0$ decays and determination of the CKM angle $\alpha$ . <i>Physical Review D</i> , <b>2015</b> , 92,	4.9	4
360	First observation of top quark production in the forward region. <i>Physical Review Letters</i> , <b>2015</b> , 115, 112001	7.4	16
359	Evidence for the Strangeness-Changing Weak Decay $B^0 \rightarrow \pi^0 \pi^0$ . <i>Physical Review Letters</i> , <b>2015</b> , 115, 241801	7.4	14
358	First observation and amplitude analysis of the $B \rightarrow K^0 \pi^0$ decay. <i>Physical Review D</i> , <b>2015</b> , 91,	4.9	30
357	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

356	Amplitude analysis of $B_0 \rightarrow \bar{D}^0 K^+ \pi^-$ decays. <i>Physical Review D</i> , <b>2015</b> , 92,	4.9	16
355	Dalitz plot analysis of $B_0 \rightarrow \bar{D}^0 \pi^+ \pi^-$ decays. <i>Physical Review D</i> , <b>2015</b> , 92,	4.9	53
354	Study of W boson production in association with beauty and charm. <i>Physical Review D</i> , <b>2015</b> , 92,	4.9	17
353	Measurement of the branching fraction ratio $B(B_{c^+} \rightarrow \bar{D}^0 S^+ \pi^-) / B(B_{c^+} \rightarrow \bar{D}^0 \pi^+ \pi^-)$ . <i>Physical Review D</i> , <b>2015</b> , 92,	4.9	11
352	Search for the rare decays $B_0 \rightarrow \bar{D}^0 \pi^+ \pi^-$ and $B_{s^0} \rightarrow \bar{D}^0 \pi^+ \pi^-$ . <i>Physical Review D</i> , <b>2015</b> , 92,	4.9	7
351	Model-independent confirmation of the $Z(4430)$ state. <i>Physical Review D</i> , <b>2015</b> , 92,	4.9	25
350	Measurement of CP Violation in $B_0 \rightarrow \bar{D}^0 K^+ K^-$ Decays. <i>Physical Review Letters</i> , <b>2015</b> , 115, 031601	7.4	22
349	Observation of the $B(s)(0) \rightarrow \pi^+ \pi^-$ Decay. <i>Physical Review Letters</i> , <b>2015</b> , 115, 051801	7.4	7
348	Observation of $J/\psi$ Resonances Consistent with Pentaquark States in $\bar{B} \rightarrow \bar{D}^0 K^+ p$ Decays. <i>Physical Review Letters</i> , <b>2015</b> , 115, 072001	7.4	580
347	Measurement of the ratio of branching fractions $B(B \rightarrow \bar{D}^0 \pi^+ \pi^-) / B(B \rightarrow \bar{D}^0 \pi^+ \pi^0)$ . <i>Physical Review Letters</i> , <b>2015</b> , 115, 111803	7.4	316
346	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
345	Measurement of the track reconstruction efficiency at LHCb. <i>Journal of Instrumentation</i> , <b>2015</b> , 10, P02007-P02007	7.4	867
344	Bflavour tagging using charm decays at the LHCb experiment. <i>Journal of Instrumentation</i> , <b>2015</b> , 10, P10005-P10005	7.4	105
343	Measurement of CP asymmetries and polarisation fractions in $(B_s^0 \rightarrow \bar{K}^0 K^+ K^-)$ decays. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5.4	6
342	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
341	Search for the $\bar{D}^0 b^- \pi^+$ and $\bar{D}^0 b^- \pi^0$ decays with the LHCb detector. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5.4	6
340	Measurement of the exclusive $\bar{D}^0$ 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
339	Measurement of the $B^0 \rightarrow \bar{D}^0 \pi^+ \pi^-$ branching fraction and search for the decay $B^0 \rightarrow \bar{D}^0 \pi^+ \pi^0$ . <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5.4	8

338	Forward production of $\Upsilon$ 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
337	Measurement of the forward-backward asymmetry in $Z/\gamma \rightarrow \mu^+\mu^-$ decays and determination of the effective weak mixing angle. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5-4	22
336	First observation and measurement of the branching fraction for the decay $B^0 \rightarrow \mu^+\mu^- K^0$ . <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5-4	4
335	First measurement of the differential branching fraction and CP asymmetry of the $B^0 \rightarrow \mu^+\mu^- K^0$ decay. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015,	5-4	27
334	Measurement of the time-integrated CP asymmetry in $D^0 \rightarrow K^0 K^0$ decays. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5-4	11
333	Measurement of CP violation parameters and polarisation fractions in ( $B^0 \rightarrow J/\psi \overline{K}^0$ ) decays. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5-4	12
332	Measurement of forward $Z \rightarrow e^+e^-$ production at ( $\sqrt{s}=8$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5-4	17
331	Differential branching fraction and angular analysis of $B^0 \rightarrow \mu^+\mu^- K^0$ decays. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015,	5-4	54
330	Measurement of the time-dependent CP asymmetries in $B^0 \rightarrow J/\psi K^0$ . <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015,	5-4	9
329	Search for the decay ( $B^0 \rightarrow \overline{D}^0 \mu^+ \mu^-$ ). <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5-4	10
328	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
327	Observation of the decay $B^0 \rightarrow \mu^+\mu^- K^0$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2015</b> , 747, 484-494	4-2	12
326	Angular analysis and differential branching fraction of the decay $B^0 \rightarrow \mu^+\mu^- K^0$ . <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5-4	138
325	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
324	Angular analysis of the $B^0 \rightarrow \mu^+\mu^- K^0$ decay in the low- $q^2$ region. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5-4	20
323	Determination of the branching fractions of $B^0 \rightarrow \mu^+\mu^- K^0$ and $B^0 \rightarrow \mu^+\mu^- K^+$ . <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5-4	5
322	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
321	Observation of the $B^0 \rightarrow \mu^+\mu^- K^0$ decay from an amplitude analysis of $B^0 \rightarrow \mu^+\mu^- K^0$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2015</b> , 747, 468-478	4-2	9

320	Measurement of the lifetime of the $B_c^+$ meson using the $B_c^+ \rightarrow \bar{c} \ell^+ \nu_\ell$ decay mode. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2015</b> , 742, 29-37	4.2	25
319	Observation of two new $\Lambda(b)^{-}$ baryon resonances. <i>Physical Review Letters</i> , <b>2015</b> , 114, 062004	7.4	35
318	Measurement of the electron structure function $F_2^{\text{eep}}$ at LEP energies. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2014</b> , 737, 39-47	4.2	
317	Measurement of the $\Lambda_b^0$ and $\Lambda_b^-$ baryon lifetimes. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2014</b> , 736, 154-162	4.2	10
316	Measurement of the CP-violating phase $\phi_s$ in $B_s^0 \rightarrow \bar{c} \ell^+ \nu_\ell$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2014</b> , 736, 186-195	4.2	33
315	Evidence for the decay $(\text{B}_{\text{c}}^+ \rightarrow \text{J} \ell^+ / \text{u}\bar{\text{u}}\text{u}\bar{\text{u}}\text{u}\bar{\text{u}})$ . <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	16
314	Study of $(\text{varUpsilon})$ production and cold nuclear matter effects in pPb collisions at $(\sqrt{s_{\text{NN}}}) = 5$ TeV. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	27
313	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
312	Measurement of $\Upsilon$ production in $\text{pp}$ collisions at $\sqrt{s} = 2.76$ TeV. <i>European Physical Journal C</i> , <b>2014</b> , 74,	4.2	23
311	Measurement of the $B_c^+$ meson lifetime using $B_c^+ \rightarrow \bar{c} \ell^+ \nu_\ell$ decays. <i>European Physical Journal C</i> , <b>2014</b> , 74, 2839	4.2	32
310	Measurement of charged particle multiplicities and densities in $\sqrt{s_{\text{NN}}} = 2.76$ TeV collisions at $\sqrt{s_{\text{NN}}} = 2.76$ TeV in the forward region. <i>European Physical Journal C</i> , <b>2014</b> , 74, 2888	4.2	20
309	Observation of the resonant character of the $Z(4430)^{-}$ state. <i>Physical Review Letters</i> , <b>2014</b> , 112, 222007	7.4	234
308	Precision measurement of the ratio of the $B_c^+$ lifetimes. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2014</b> , 734, 122-130	4.2	43
307	Precision luminosity measurements at LHCb. <i>Journal of Instrumentation</i> , <b>2014</b> , 9, P12005-P12005	1	79
306	Measurement of the CP-violating phase $\phi_s$ in $B_s(0) \rightarrow \bar{D}_s^+ D_s^-$ decays. <i>Physical Review Letters</i> , <b>2014</b> , 113, 211801	7.4	17
305	Measurement of CP violation parameters in $B^0 \rightarrow \bar{D}^* K^0$ decays. <i>Physical Review D</i> , <b>2014</b> , 90,	4.9	11
304	Measurements of CP violation in the three-body phase space of charmless $B_c^+$ decays. <i>Physical Review D</i> , <b>2014</b> , 90,	4.9	47
303	Observation of $B_{\text{c}}^+ \rightarrow \text{K}^* \text{K}^0$ and evidence for $B_{\text{c}}^+ \rightarrow \text{K}^* \pi^+$ decays. <i>New Journal of Physics</i> , <b>2014</b> , 16, 123001	2.9	6



302	Measurement of CP violation and constraints on the CKM angle $\sin\beta - \delta K$ with $D \rightarrow KS_0$ decays. <i>Nuclear Physics B</i> , <b>2014</b> , 888, 169-193	2.8	13
301	Measurement of the $B^0 B^0$ and $B^0 B^0$ production asymmetries in pp collisions at $\sqrt{s}=7\text{TeV}$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2014</b> , 739, 218-228	4.2	22
300	First measurement of the charge asymmetry in beauty-quark pair production. <i>Physical Review Letters</i> , <b>2014</b> , 113, 082003	7.4	15
299	Evidence for CP violation in $B^+ \rightarrow \rho^0 K^+$ decays. <i>Physical Review Letters</i> , <b>2014</b> , 113, 141801	7.4	14
298	First observation of a baryonic $B_c^+$ decay. <i>Physical Review Letters</i> , <b>2014</b> , 113, 152003	7.4	24
297	Measurement of resonant and CP components in $B^0 \rightarrow \rho^0 \pi^0$ decays. <i>Physical Review D</i> , <b>2014</b> , 89,	4.9	54
296	Measurement of the $B^0$ meson lifetime in $D_s^+ \rightarrow B^0$ decays. <i>Physical Review Letters</i> , <b>2014</b> , 113, 172001	7.4	10
295	Measurement of the resonant and CP components in $B^0 \rightarrow \rho^0 \pi^0$ decays. <i>Physical Review D</i> , <b>2014</b> , 90,	4.9	52
294	Observation of overlapping spin-1 and spin-3 $D_0 K^-$ resonances at mass 2.86 GeV/c <sup>2</sup> . <i>Physical Review Letters</i> , <b>2014</b> , 113, 162001	7.4	61
293	Dalitz plot analysis of $B_s^0 \rightarrow D_0 K^0$ decays. <i>Physical Review D</i> , <b>2014</b> , 90,	4.9	70
292	Precision measurement of the mass and lifetime of the $\Lambda_b(0)$ baryon. <i>Physical Review Letters</i> , <b>2014</b> , 113, 032001	7.4	30
291	Test of lepton universality using $b^+ \rightarrow \rho^0 K^+$ decays. <i>Physical Review Letters</i> , <b>2014</b> , 113, 151601	7.4	54 <sup>2</sup>
290	Measurement of CP violation in $B_s^0 \rightarrow \rho^0 \pi^0$ decays. <i>Physical Review D</i> , <b>2014</b> , 90,	4.9	13
289	Study of Beauty Hadron Decays into Pairs of Charm Hadrons. <i>Physical Review Letters</i> , <b>2014</b> , 112,	7.4	21
288	Measurement of the ratio of $B_c^+$ branching fractions to $J/\psi$ and $J/\psi$ final states. <i>Physical Review D</i> , <b>2014</b> , 90,	4.9	23
287	Observation of charmonium pairs produced exclusively in $\sqrt{s}pp$ collisions. <i>Journal of Physics G: Nuclear and Particle Physics</i> , <b>2014</b> , 41, 115002	2.9	10
286	Study of $\chi_{c0}$ meson production in $pp$ collisions at $\sqrt{s}=7$ and $8\text{TeV}$ . <i>European Physical Journal C</i> , <b>2014</b> , 74,	4.2	33
285	Search for CP violation using T-odd correlations in $D^0 \rightarrow \rho^0 K^0$ decays. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	16

284	First observations of the rare decays $B \rightarrow \mu^+ \mu^- K^0$ and $B \rightarrow \mu^+ \mu^- K^0_S$ . <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5-4	7
283	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
282	Differential branching fraction and angular analysis of the decay $(B_{s^0} \rightarrow \mu^+ \mu^-)$ . <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5-4	86
281	Search for CP violation in $D \rightarrow \mu^+ \mu^-$ and $(D_{s^+} \rightarrow K_S^0 \pi^+)$ decays. <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5-4	14
280	Precision measurement of D meson mass differences. <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013,	5-4	48
279	Production of $J/\psi$ and $(\chi_{c0})$ mesons in pp collisions at $(\sqrt{s}=8)$ TeV. <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5-4	58
278	Measurement of the $B^0 \rightarrow \mu^+ e^- + e^- \mu^+$ branching fraction at low dilepton mass. <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5-4	22
277	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
276	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
275	Measurement of CP observables in $B^0 \rightarrow \mu^+ \mu^- K^0$ with $D \rightarrow K^+ K^-$ . <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5-4	6
274	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
273	Differential branching fraction and angular analysis of the $B \rightarrow \mu^+ \mu^- K^0$ decay. <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5-4	63
272	First evidence for the annihilation decay mode $B^+ \rightarrow D_{s^+} \mu^+ \mu^-$ . <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013,	5-4	13
271	Measurement of $J/\psi$ production in pp collisions at $(\sqrt{s}=2.76; \text{TeV})$ . <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5-4	28
270	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
269	Measurements of the branching fractions of [Formula: see text] decays. <i>European Physical Journal C</i> , <b>2013</b> , 73, 2462	4-2	19
268	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
267	Model-independent search for CP violation in . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2013</b> , 726, 623-633	4-2	19

266	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> , <b>2013</b> , 721, 24-31	4.2	11
265	Branching fraction and CP asymmetry of the decays $B^+ \rightarrow \bar{K}^0 \pi^+$ and $B^+ \rightarrow \bar{K}^0 K^+$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2013</b> , 726, 646-655	4.2	9
264	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
263	Study of $B_{(s)}^0 \rightarrow K_{\text{charmless}}^0 h^+ h'^-$ decays with first observation of $B_s^0 \rightarrow K_{\text{charmless}}^0 K^{\pm} \pi^{\mp}$ and $B_s^0 \rightarrow K_{\text{charmless}}^0 \pi^+ \pi^-$ . <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013,	5.4	14
262	Measurement of the relative rate of prompt $\chi_0, \chi_1$ and $\chi_2$ production at $(\sqrt{s}=7)$ TeV. <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5.4	31
261	First evidence for the two-body charmless baryonic decay $B^0 \rightarrow \bar{p} \pi^+$ . <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013,	5.4	7
260	Study of D meson decays to $D^+ \pi^0$ and $D^+ \pi^+$ final states in pp collisions. <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5.4	69
259	First observation of the decay $(B_c^+ \rightarrow J/\psi K^+)$ . <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5.4	36
258	Searches for $(B_{(s)}^0 \rightarrow J/\psi \pi^+ \pi^-) \bar{p}$ and $B^+ \rightarrow J/\psi \pi^+ \bar{p}$ decays. <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5.4	6
257	Differential branching fraction and angular analysis of the decay $B^0 \rightarrow \bar{K}^* \pi^0$ . <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5.4	99
256	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
255	Observation of $B_{(s)}^0 \rightarrow \bar{B}_{(s)}^0$ mixing and measurement of mixing frequencies using semileptonic B decays. <i>European Physical Journal C</i> , <b>2013</b> , 73,	4.2	14
254	Search for the doubly charmed baryon $(\Xi_{cc}^+)$ . <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5.4	41
253	Measurement of $\rho$ polarization in collisions at [Formula: see text]. <i>European Physical Journal C</i> , <b>2013</b> , 73, 2631	4.2	87
252	Observation of the decay $(B_c^+ \rightarrow J/\psi K^+ K^0)$ . <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5.4	20
251	First observation of the decay $(B_s^0 \rightarrow \pi^0 \bar{K}^{*0})$ . <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5.4	7
250	First evidence for the decay $B(s) \rightarrow \bar{K}^* \pi$ . <i>Physical Review Letters</i> , <b>2013</b> , 110, 021801	7.4	263
249	First observation of CP violation in the decays of $B(s) \rightarrow \pi$ mesons. <i>Physical Review Letters</i> , <b>2013</b> , 110, 221601	7.4	78

248	Search for the rare decay ( $K_{\mathrm{S}}^0 \rightarrow \mu^+ \mu^-$ ). <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5.4	10
247	A study of the Z production cross-section in pp collisions at ( $\sqrt{s}=7, \mathrm{TeV}$ ) using tau final states. <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5.4	13
246	Measurement of the ratio of branching fractions $B(B \rightarrow K^* \mu^+ \mu^-) / B(B \rightarrow K^* \pi^+ \pi^-)$ and the direct CP asymmetry in $B \rightarrow K^* \mu^+ \mu^-$ . <i>Nuclear Physics B</i> , <b>2013</b> , 867, 1-18	2.8	29
245	Measurement of the effective $\alpha_s$ . <i>Nuclear Physics B</i> , <b>2013</b> , 873, 275-292	2.8	10
244	Prompt charm production in pp collisions at $\sqrt{s}=7, \mathrm{TeV}$ . <i>Nuclear Physics B</i> , <b>2013</b> , 871, 1-20	2.8	163
243	Observation of the suppressed ADS modes. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2013</b> , 723, 44-53	4.2	14
242	Measurement of the CKM angle $\phi_1$ 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
241	Measurement of the $B^0 \rightarrow D^* \mu^+ \mu^-$ oscillation frequency $\Gamma_{\mathrm{hd}}$ with the decays $B^0 \rightarrow D^* \mu^+ \mu^-$ and $B^0 \rightarrow D^* \pi^+ \pi^-$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2013</b> , 719, 318-325	4.2	15
240	Search for direct CP violation in $B^0 \rightarrow D^* \mu^+ \mu^-$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2013</b> , 723, 33-43	4.2	29
239	Measurements of the $B^0 \rightarrow D^* \mu^+ \mu^-$ decay amplitudes and the $B^0$ polarisation in pp collisions at $\sqrt{s}=7 \mathrm{TeV}$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2013</b> , 724, 27-35	4.2	41
238	Observation of the decay $B_s^0 \rightarrow D^* \mu^+ \mu^-$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2013</b> , 727, 403-411	4.2	13
237	Search for the rare decay $D^0 \rightarrow \mu^+ \mu^-$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2013</b> , 725, 15-24	4.2	23
236	Measurement of the differential branching fraction of the decay $B^0 \rightarrow D^* \mu^+ \mu^-$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2013</b> , 725, 25-35	4.2	29
235	Evidence for the decay $B^0 \rightarrow D^* \mu^+ \mu^-$ and measurement of the relative branching fractions of $B_s^0$ meson decays to $J/\psi$ and $J/\psi$ . <i>Nuclear Physics B</i> , <b>2013</b> , 867, 547-566	2.8	25
234	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
233	Observation of $B^0 \rightarrow D^* \mu^+ \mu^-$ . <i>Nuclear Physics B</i> , <b>2013</b> , 874, 663-678	2.8	8
232	Observation of $D^0 \rightarrow D^0$ oscillations. <i>Physical Review Letters</i> , <b>2013</b> , 110, 101802	7.4	45
231	Observations of $B^0 \rightarrow D^* \mu^+ \mu^-$ . <i>Nuclear Physics B</i> , <b>2013</b> , 871, 403-419	2.8	16

230	Measurement of the $\alpha_s$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2013</b> , 718, 902-909	4.2	31
229	Precision measurement of the $B_s^0$ oscillation frequency with the decay $B_s^0 \rightarrow D_s^+ D_s^-$ . <i>New Journal of Physics</i> , <b>2013</b> , 15, 053021	2.9	49
228	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
227	Search for the lepton-flavor-violating decays $B(s) \rightarrow e^+ \mu^- \nu$ and $B \rightarrow e^+ \mu^- \nu$ . <i>Physical Review Letters</i> , <b>2013</b> , 111, 141801	7.4	25
226	Precision measurement of the $B(0)$ baryon lifetime. <i>Physical Review Letters</i> , <b>2013</b> , 111, 102003	7.4	32
225	Measurement of CP violation and the $B_s^0$ meson decay width difference with $B_s^0 \rightarrow \bar{K}^0 K^0$ and $B_s^0 \rightarrow \bar{K}^0 K^+$ decays. <i>Physical Review D</i> , <b>2013</b> , 87,	4.9	66
224	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> , <b>2013</b> , 111, 251801	7.4	34
223	First observations of $B \rightarrow D^* D$ and $D^0 D^0$ decays. <i>Physical Review D</i> , <b>2013</b> , 87,	4.9	19
222	Measurement of the $\Lambda_b(0)$ , $\Lambda_b(-)$ , and $\Lambda_b((-)$ Baryon masses. <i>Physical Review Letters</i> , <b>2013</b> , 110, 182001	7.4	57
221	Measurement of the CP asymmetry in $B^+ \rightarrow K^+ \pi^0 \pi^0$ decays. <i>Physical Review Letters</i> , <b>2013</b> , 111, 151801	7.4	11
220	First measurement of the CP-violating phase in $B_s(0) \rightarrow \pi^+ \pi^-$ decays. <i>Physical Review Letters</i> , <b>2013</b> , 110, 241802	7.4	14
219	Determination of the X(3872) meson quantum numbers. <i>Physical Review Letters</i> , <b>2013</b> , 110, 222001	7.4	234
218	Measurement of the branching fractions of the decays $B_s^0 \rightarrow D^0 K^0$ and $B^0 \rightarrow D^0 K^+$ . <i>Physical Review D</i> , <b>2013</b> , 87,	4.9	16
217	Analysis of the resonant components in $B \rightarrow \bar{K}^0 \pi^0$ . <i>Physical Review D</i> , <b>2013</b> , 87,	4.9	49
216	Observation of the decay $B(c)^+ \rightarrow \bar{B}(s)(0)^0$ . <i>Physical Review Letters</i> , <b>2013</b> , 111, 181801	7.4	55
215	Search for the decay $B_s^0 \rightarrow D^* \pi$ . <i>Physical Review D</i> , <b>2013</b> , 87,	4.9	6
214	Measurement of the polarization amplitudes in $B^0 \rightarrow \bar{K}^*(892)^0$ decays. <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	15
213	Measurement of CP violation in the phase space of $B^0 \rightarrow \bar{K}^0 \pi^0$ and $B^0 \rightarrow \bar{K}^0 K^+ K^-$ decays. <i>Physical Review Letters</i> , <b>2013</b> , 111, 101801	7.4	70

212	Observation of the decay $B_c^+ \rightarrow \rho^0 \pi^+$ . <i>Physical Review D</i> , <b>2013</b> , 87,	4.9	28
211	Measurement of form-factor-independent observables in the decay $B^0 \rightarrow K^{*0} \pi^+ \pi^-$ . <i>Physical Review Letters</i> , <b>2013</b> , 111, 191801	7.4	314
210	Observation of $B_c^+ \rightarrow \rho^0 D_s^+$ and $B_c^+ \rightarrow \rho^0 D_s^{*+}$ decays. <i>Physical Review D</i> , <b>2013</b> , 87,	4.9	46
209	Study of $B^0 \rightarrow \bar{D}^{*0} \pi^0$ and $B^0 \rightarrow \bar{D}^{*0} K^0$ decays. <i>Physical Review D</i> , <b>2013</b> , 87,	4.9	9
208	Measurement of the CP asymmetry in $B(0) \rightarrow K^{*0} \pi^+ \pi^-$ decays. <i>Physical Review Letters</i> , <b>2013</b> , 110, 031801	7.4	21
207	Studies of the decays $B^+ \rightarrow \rho^0 p \pi^+$ and observation of $B^+ \rightarrow \rho(1520) p$ . <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	11
206	Observation of a resonance in $B^+ \rightarrow K^+ \pi^0$ decays at low recoil. <i>Physical Review Letters</i> , <b>2013</b> , 111, 112003	7.4	43
205	Amplitude analysis and branching fraction measurement of $B^0 \rightarrow \rho^0 K^0$ . <i>Physical Review D</i> , <b>2013</b> , 87,	4.9	32
204	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
203	First observation of $B^0 \rightarrow \rho^0 K^0$ and search for $B^0 \rightarrow \rho^0 \pi^0$ decays. <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	14
202	Measurement of the $B_s(0) \rightarrow \pi^0$ branching fraction and search for $B(0) \rightarrow \pi^0$ decays at the LHCb experiment. <i>Physical Review Letters</i> , <b>2013</b> , 111, 101805	7.4	221
201	Search for rare $B(0) \rightarrow (s) \rightarrow \pi^+ \pi^- \pi^0$ decays. <i>Physical Review Letters</i> , <b>2013</b> , 110, 211801	7.4	14
200	Observation of $\rho(1520)$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2012</b> , 707, 52-59	4.2	104
199	Measurement of the effective $B_s^0 \rightarrow K^0$ lifetime. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2012</b> , 707, 349-356	4.2	16
198	Measurement of the CP violating phase $\alpha_s$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2012</b> , 707, 497-505	4.2	34
197	Search for the rare decays $B^0 \rightarrow \rho^0 \pi^0$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2012</b> , 708, 55-67	4.2	29
196	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
195	First observation of the decay $B^0 \rightarrow \rho^0 \pi^0$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2012</b> , 709, 50-58	4.2	22

194	Measurement of the $B_s^0 \rightarrow B^0$ oscillation frequency $\Gamma_s$ 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
193	Observation of CP violation in $B^{\pm} \rightarrow DK^{\pm}$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2012</b> , 712, 203-212	4.2	69
192	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
191	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
190	Opposite-side flavour tagging of mesons at the LHCb experiment. <i>European Physical Journal C</i> , <b>2012</b> , 72, 2022	4.2	39
189	Measurement of production in collisions at [Formula: see text]. <i>European Physical Journal C</i> , <b>2012</b> , 72, 2025	4.2	83
188	Measurement of the $B^{\pm}$ 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
187	Measurements of the branching fractions of the decays $B_s^0 \rightarrow D_s^{\pm} \{ \pi^{\mp} \} K^{\pm}$ and $B_s^0 \rightarrow D_s^{\pm} \{ \pi^{\mp} \} \pi^{\pm}$ . <i>Journal of High Energy Physics</i> , <b>2012</b> , 2012,	5.4	15
186	Observation of double charm production involving open charm in pp collisions at ( $\sqrt{s} = 7 \text{ TeV}$ ). <i>Journal of High Energy Physics</i> , <b>2012</b> , 2012, 1	5.4	86
185	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
184	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
183	Study of $D_s$ decays to $\{ D^{\pm} \} K_{\text{S}}^0$ and $D^0 K^{\pm}$ final states in pp collisions. <i>Journal of High Energy Physics</i> , <b>2012</b> , 2012,	5.4	24
182	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> , <b>2012</b> , 2012, 1	5.4	17
181	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
180	Evidence for CP violation in time-integrated $D^0 \rightarrow h^+ h^-$ decay rates. <i>Physical Review Letters</i> , <b>2012</b> , 108, 111602	7.4	150
179	Measurements of the branching fractions and CP asymmetries of $B^{\pm} \rightarrow \rho^{\pm} \pi^{\mp}$ and $B^{\pm} \rightarrow \rho^{\pm} \pi^{\pm}$ decays. <i>Physical Review D</i> , <b>2012</b> , 85,	4.9	19
178	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
177	Measurement of the ratio of branching fractions $B(B^0 \rightarrow R^* 0) / B(B_s^0 \rightarrow R^* 0)$ . <i>Physical Review D</i> , <b>2012</b> , 85,	4.9	12

176	Searches for Majorana neutrinos in $B_s$ decays. <i>Physical Review D</i> , <b>2012</b> , 85,	4.9	47
175	Measurement of b hadron production fractions in 7 TeV pp collisions. <i>Physical Review D</i> , <b>2012</b> , 85,	4.9	105
174	Measurement of the $\beta$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2012</b> , 713, 172-179	4.2	12
173	Measurement of the $\beta$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2012</b> , 713, 186-195	4.2	33
172	Measurement of the polarization amplitudes and triple product asymmetries in the $B_s$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2012</b> , 713, 369-377	4.2	13
171	Measurement of the CP-violating phase $\beta$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2012</b> , 713, 378-386	4.2	31
170	Measurement of the cross-section ratio $\sigma(B_s \rightarrow \mu^+ \mu^-) / \sigma(B_s \rightarrow \mu^+ \mu^- \gamma)$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2012</b> , 714, 215-223	4.2	41
169	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
168	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
167	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
166	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
165	A model-independent Dalitz plot analysis of $B_s \rightarrow \mu^+ \mu^- \gamma$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2012</b> , 718, 43-55	4.2	20
164	Measurement of the ratio of prompt $B_s$ production. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2012</b> , 718, 431-440	4.2	42
163	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
162	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
161	First observation of the decay $B(c)^+ \rightarrow \mu^+ \mu^- \mu^+$ . <i>Physical Review Letters</i> , <b>2012</b> , 108, 251802	7.4	50
160	Differential branching fraction and angular analysis of the decay $B^0 \rightarrow \mu^+ \mu^- K^0$ . <i>Physical Review Letters</i> , <b>2012</b> , 108, 181806	7.4	39
159	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



158	First observation of the decays $B(0) \rightarrow D^{+}K^{-}(\pi^{+}\pi^{-})$ and $B^{-} \rightarrow D^{0}K^{-}(\pi^{+}\pi^{-})$ . <i>Physical Review Letters</i> , <b>2012</b> , 108, 161801	7.4	8
157	Observation of excited $\Lambda(b)0$ baryons. <i>Physical Review Letters</i> , <b>2012</b> , 109, 172003	7.4	68
156	Analysis of the resonant components in $B_{s0} \rightarrow \rho^{0}\pi^{0}$ . <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	59
155	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
154	Measurement of the $B_{s0} \rightarrow \rho^{0}\pi^{0}$ branching fraction and angular amplitudes. <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	17
153	Strong constraints on the rare decays $B(s)0 \rightarrow \mu^{+}\mu^{-}$ and $B0 \rightarrow \mu^{+}\mu^{-}$ . <i>Physical Review Letters</i> , <b>2012</b> , 108, 231801	7.4	144
152	Measurement of the CP-violating phase $\phi(s)$ in the decay $B(s)0 \rightarrow FJ/\psi$ . <i>Physical Review Letters</i> , <b>2012</b> , 108, 101803	7.4	95
151	Search for the X(4140) state in $B^{+} \rightarrow \rho^{0}K^{+}$ decays. <i>Physical Review D</i> , <b>2012</b> , 85,	4.9	55
150	First observation of the decays $B_{c}(s)0 \rightarrow D_{s}^{+}K_{S}^{0}$ and $B_{c}(s)0 \rightarrow D_{s1}(2536)^{+}\pi^{0}$ . <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	9
149	Measurements of $B(c)^{+}$ production and mass with the $B(c)^{+} \rightarrow FJ/\psi$ decay. <i>Physical Review Letters</i> , <b>2012</b> , 109, 232001	7.4	53
148	Observation of $B0 \rightarrow D_{s1}(0)K^{+}K^{-}$ and evidence for $B(s)0 \rightarrow D_{s1}(0)K^{+}K^{-}$ . <i>Physical Review Letters</i> , <b>2012</b> , 109, 131801	7.4	22
147	Publisher's Note: Evidence for CP Violation in Time-Integrated $D0 \rightarrow \pi^{+}\pi^{-}$ decay rates [Phys. Rev. Lett. 108, 111602 (2012)]. <i>Physical Review Letters</i> , <b>2012</b> , 108,	7.4	2
146	Observation of $B(s)0 \rightarrow FJ/\psi(2)^{\prime}(1525)$ in $J/\psi + K^{-}$ final states. <i>Physical Review Letters</i> , <b>2012</b> , 108, 151801	7.4	16
145	Absolute luminosity measurements with the LHCb detector at the LHC. <i>Journal of Instrumentation</i> , <b>2012</b> , 7, P01010-P01010	1	34
144	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
143	First observation of the decay $B \rightarrow \gamma \mu^{+}\mu^{-}$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2011</b> , 706, 32-39	4.2	14
142	Search for single top quark production via contact interactions at LEP2. <i>European Physical Journal C</i> , <b>2011</b> , 71, 1	4.2	3
141	A study of the b-quark fragmentation function with the DELPHI detector at LEP I and an averaged distribution obtained at the Z Pole. <i>European Physical Journal C</i> , <b>2011</b> , 71, 1	4.2	25

140	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
139	Measurement of $V_0$ production ratios in pp collisions at $(\sqrt{s} = 0.9)$ and 7 TeV. <i>Journal of High Energy Physics</i> , <b>2011</b> , 2011, 1	5.4	12
138	Search for CP violation in $D^+ \rightarrow K^+ \pi^0$ decays. <i>Physical Review D</i> , <b>2011</b> , 84,	4.9	17
137	First observation of $B_s^0 \rightarrow D_s^{*2} + X$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2011</b> , 698, 14-20	4.2	25
136	First observation of $B_s^0 \rightarrow \rho^0(980)$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2011</b> , 698, 115-122	4.2	66
135	Search for the rare decays $B_s^0 \rightarrow \pi^0 \pi^0$ and $B^0 \rightarrow \pi^0 \pi^0$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2011</b> , 699, 330-340	4.2	58
134	Measurements of the branching fractions for $B(s) \rightarrow D(s) \pi$ and $B^0 \rightarrow \pi^+ \pi^-$ . <i>Physical Review D</i> , <b>2011</b> , 84,	4.9	20
133	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
132	Measurements of CP-conserving trilinear gauge boson couplings $WWV$ ( $V=Z$ ) in $e^+e^-$ collisions at LEP2. <i>European Physical Journal C</i> , <b>2010</b> , 66, 35-56	4.2	18
131	Study of the dependence of direct soft photon production on the jet characteristics in hadronic $Z^0$ decays. <i>European Physical Journal C</i> , <b>2010</b> , 67, 343-366	4.2	10
130	Prompt $\tau$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2010</b> , 693, 69-80.	4.2	20
129	Measurement of $\tau$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2010</b> , 694, 209-216	4.2	107
128	Inclusive single-particle production in two-photon collisions at LEP II with the DELPHI detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2009</b> , 678, 444-449	4.2	1
127	Search for one large extra dimension with the DELPHI detector at LEP. <i>European Physical Journal C</i> , <b>2009</b> , 60, 17-23	4.2	35
126	A study of $(\bar{b}b)$ production in $e^+e^-$ collisions at $(\sqrt{s}=130) \approx 0.7$ GeV. <i>European Physical Journal C</i> , <b>2009</b> , 60, 1-15	4.2	10
125	Correlations between polarisation states of W particles in the reaction $e^+e^- \rightarrow W^+W^-$ at LEP2 energies 189-209 GeV. <i>European Physical Journal C</i> , <b>2009</b> , 63, 611-623	4.2	
124	The LHCb Detector at the LHC. <i>Journal of Instrumentation</i> , <b>2008</b> , 3, S08005-S08005	1	622
123	Measurement of the tau lepton polarisation at LEP2. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2008</b> , 659, 65-73	4.2	

122	Higgs boson searches in CP-conserving and CP-violating MSSM scenarios with the DELPHI detector. <i>European Physical Journal C</i> , <b>2008</b> , 54, 1	4.2	
121	Study of W-boson polarisations and triple gauge boson couplings in the reaction $e+e-\rightarrow W+W-$ at LEP 2. <i>European Physical Journal C</i> , <b>2008</b> , 54, 345-364	4.2	32
120	Measurement of the mass and width of the W boson in $e+e-$ collisions at $(\sqrt{s}) = 161\pm 09$ GeV. <i>European Physical Journal C</i> , <b>2008</b> , 55, 1	4.2	28
119	Study of b-quark mass effects in multijet topologies with the DELPHI detector at LEP. <i>European Physical Journal C</i> , <b>2008</b> , 55, 525-538	4.2	15
118	Di-jet production in $pp$ collisions at LEP2. <i>European Physical Journal C</i> , <b>2008</b> , 58, 531-541	4.2	1
117	Observation of the muon inner bremsstrahlung at LEP1. <i>European Physical Journal C</i> , <b>2008</b> , 57, 499-514	4.2	8
116	Study of multi-muon bundles in cosmic ray showers detected with the DELPHI detector at LEP. <i>Astroparticle Physics</i> , <b>2007</b> , 28, 273-286	2.4	40
115	Search for pentaquarks in the hadronic decays of the Z boson with the DELPHI detector at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2007</b> , 653, 151-160	4.2	5
114	Search for a fourth generation b quark at LEP-II at $(\sqrt{s}=)196\pm 09$ GeV. <i>European Physical Journal C</i> , <b>2007</b> , 50, 507-518	4.2	3
113	Investigation of Colour Reconnection in WW events with the DELPHI detector at LEP-2. <i>European Physical Journal C</i> , <b>2007</b> , 51, 249	4.2	12
112	$Z\gamma$ production in $e+e-$ interactions at $(\sqrt{s} = 183-209, \text{GeV})$ . <i>European Physical Journal C</i> , <b>2007</b> , 51, 503-523	4.2	2
111	Study of triple-gauge-boson couplings ZZZ, ZZ $\gamma$ and Z $\gamma\gamma$ at LEP. <i>European Physical Journal C</i> , <b>2007</b> , 51, 525-542	4.2	21
110	Search for $\tilde{B}$ in two-photon collisions at LEP II with the DELPHI detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2006</b> , 634, 340-346	4.2	10
109	Masses, lifetimes and production rates of $\tilde{B}$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2006</b> , 639, 179-191	4.2	2
108	Study of leading hadrons in gluon and quark fragmentation. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2006</b> , 643, 147-157	4.2	6
107	Determination of heavy quark non-perturbative parameters from spectral moments in semileptonic B decays. <i>European Physical Journal C</i> , <b>2006</b> , 45, 35-59	4.2	22
106	Single intermediate vector boson production in $e + e -$ collisions * at $(\sqrt{s} = \{ })183-209$ GeV. <i>European Physical Journal C</i> , <b>2006</b> , 45, 273-289	4.2	47
105	Measurement and interpretation of fermion-pair production at LEP energies above the Z resonance. <i>European Physical Journal C</i> , <b>2006</b> , 45, 589-632	4.2	24

104	A measurement of the tau hadronic branching ratios. <i>European Physical Journal C</i> , <b>2006</b> , 46, 1-26	4.2	3
103	Study of double-tagged $\tau$ events at LEP II. <i>European Physical Journal C</i> , <b>2006</b> , 46, 559-568	4.2	2
102	Determination of the b quark mass at the MZ scale with the DELPHI detector at LEP. <i>European Physical Journal C</i> , <b>2006</b> , 46, 569-583	4.2	11
101	Search for excited leptons in $e^+e^-$ collisions at $(\sqrt{s})=189\text{--}209$ GeV. <i>European Physical Journal C</i> , <b>2006</b> , 46, 277	4.2	10
100	A determination of the centre-of-mass energy at LEP2 using radiative two-fermion events. <i>European Physical Journal C</i> , <b>2006</b> , 46, 295-305	4.2	7
99	Evidence for an excess of soft photons in hadronic decays of Z0. <i>European Physical Journal C</i> , <b>2006</b> , 47, 273-294	4.2	17
98	Coherent soft particle production in Z decays into three jets. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2005</b> , 605, 37-48	4.2	4
97	Photon events with missing energy in $e^+e^-$ collisions at $(\sqrt{s} = \sqrt{130\text{--}209})$ GeV. <i>European Physical Journal C</i> , <b>2005</b> , 38, 395-411	4.2	117
96	Measurement of the energy dependence of hadronic jet rates and the strong coupling ( $\alpha_s$ ) from the four-jet rate with the DELPHI detector at LEP. <i>European Physical Journal C</i> , <b>2005</b> , 38, 413-426	4.2	10
95	Determination of $A_{FB}^b$ at the Z pole using inclusive charge reconstruction and lifetime tagging. <i>European Physical Journal C</i> , <b>2005</b> , 40, 1-25	4.2	3
94	Flavour independent searches for hadronically decaying neutral Higgs bosons. <i>European Physical Journal C</i> , <b>2005</b> , 44, 147-159	4.2	7
93	Bose-Einstein Correlations in $W^+W^-$ events at LEP2. <i>European Physical Journal C</i> , <b>2005</b> , 44, 161-174	4.2	9
92	. <i>European Physical Journal C</i> , <b>2005</b> , 44, 311-331	4.2	4
91	Final results from DELPHI on the searches for SM and MSSM neutral Higgs bosons. <i>European Physical Journal C</i> , <b>2004</b> , 32, 145-183	4.2	29
90	b-tagging in DELPHI at LEP. <i>European Physical Journal C</i> , <b>2004</b> , 32, 185-208	4.2	50
89	Measurement of $ V_{cb} $ using the semileptonic decay $(\overline{B}^0_{(d)}) \rightarrow D^+ e^- \overline{\nu}_e$ . <i>European Physical Journal C</i> , <b>2004</b> , 33, 213-232	4.2	23
88	A precise measurement of the $B^+$ , $B^0$ and mean b-hadron lifetime with the DELPHI detector at LEP I. <i>European Physical Journal C</i> , <b>2004</b> , 33, 307-324	4.2	5
87	Measurement of the forward-backward asymmetries of $(e^+e^- \rightarrow Z \rightarrow b\overline{b})$ and $(e^+e^- \rightarrow Z \rightarrow c\overline{c})$ using prompt leptons. <i>European Physical Journal C</i> , <b>2004</b> , 34, 109-125	4.2	6

86	Measurement of the W-pair production cross-section and W branching ratios in $e^+e^-$ collisions at $(\sqrt{s}) = 161\text{-}209$ GeV. <i>European Physical Journal C</i> , <b>2004</b> , 34, 127-144	4.2	28
85	Search for SUSY in the AMSB scenario with the DELPHI detector. <i>European Physical Journal C</i> , <b>2004</b> , 34, 145-156	4.2	12
84	Search for charged Higgs bosons at LEP in general two Higgs doublet models. <i>European Physical Journal C</i> , <b>2004</b> , 34, 399-418	4.2	69
83	Search for $(\overline{B}^0_s - B^0_s)$ oscillations in DELPHI using high- $p_t$ leptons. <i>European Physical Journal C</i> , <b>2004</b> , 35, 35-52	4.2	6
82	Search for fermiophobic Higgs bosons in final states with photons at LEP 2. <i>European Physical Journal C</i> , <b>2004</b> , 35, 313-324	4.2	20
81	Search for supersymmetric particles assuming R-parity non-conservation in $e^+e^-$ collisions at $(\sqrt{s}) = 192$ to 208 GeV. <i>European Physical Journal C</i> , <b>2004</b> , 36, 1-23	4.2	22
80	The measurement of $(\alpha_s)$ from event shapes with the DELPHI detector at the highest LEP energies. <i>European Physical Journal C</i> , <b>2004</b> , 37, 1-23	4.2	22
79	A precise measurement of the tau lifetime. <i>European Physical Journal C</i> , <b>2004</b> , 36, 283-296	4.2	10
78	Determination of the $(e^+e^- \rightarrow \gamma\gamma)$ cross-section at LEP 2. <i>European Physical Journal C</i> , <b>2004</b> , 37, 405-419	4.2	10
77	Searches for neutral Higgs bosons in extended models. <i>European Physical Journal C</i> , <b>2004</b> , 38, 1-28	4.2	75
76	Measurement of the $B^0$ decay form factor. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2004</b> , 585, 63-84	4.2	25
75	Search for single top production via FCNC at LEP at $\sqrt{s} = 189\text{-}208$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2004</b> , 590, 21-34	4.2	35
74	Searches for invisibly decaying Higgs bosons with the DELPHI detector at LEP. <i>European Physical Journal C</i> , <b>2004</b> , 32, 475-492	4.2	30
73	Search for an LSP gluino at LEP with the DELPHI detector. <i>European Physical Journal C</i> , <b>2003</b> , 26, 505-525	4.2	12
72	Search for supersymmetric particles in light gravitino scenarios and sleptons NLSP. <i>European Physical Journal C</i> , <b>2003</b> , 27, 153-172	4.2	22
71	Search for resonant $(\tilde{\nu})$ production at $(\sqrt{s}) = 183$ to 208 GeV. <i>European Physical Journal C</i> , <b>2003</b> , 28, 15-26	4.2	7
70	Search for $(\overline{B}^0_s - B^0_s)$ oscillations and a measurement of $(\overline{B}^0_d - B^0_d)$ oscillations using events with an inclusively reconstructed vertex. <i>European Physical Journal C</i> , <b>2003</b> , 28, 155-173	4.2	17
69	A study of the energy evolution of event shape distributions and their means with the DELPHI detector at LEP. <i>European Physical Journal C</i> , <b>2003</b> , 29, 285-312	4.2	57

68	ZZ production in $e^+e^-$ interactions at $(\sqrt{s} = 183\text{-}209\text{ GeV})$ . <i>European Physical Journal C</i> , <b>2003</b> , 30, 447-466	4.2	20
67	Measurement of the $(e^+ + e^- \rightarrow W^+ + W^- + \gamma)$ cross-section and limits on anomalous quartic gauge couplings with DELPHI. <i>European Physical Journal C</i> , <b>2003</b> , 31, 139-147	4.2	24
66	Searches for supersymmetric particles in $e^+e^-$ collisions up to 208 GeV and interpretation of the results within the MSSM. <i>European Physical Journal C</i> , <b>2003</b> , 31, 421-479	4.2	153
65	The $(\eta_c(2980))$ formation in two-photon collisions at LEP energies. <i>European Physical Journal C</i> , <b>2003</b> , 31, 481-489	4.2	3
64	A measurement of the branching fractions of the b-quark into charged and neutral b-hadrons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2003</b> , 576, 29-42	4.2	13
63	Measurement of inclusive $f_1(1285)$ and $f_1(1420)$ production in Z decays with the DELPHI detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2003</b> , 569, 129-139	4.2	5
62	Search for doubly charged Higgs bosons at LEP2. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2003</b> , 552, 127-137	4.2	59
61	Inclusive $b \rightarrow c$ decays to wrong sign charmed mesons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2003</b> , 561, 26-40	4.2	3
60	Study of inclusive $J/\psi$ production in two-photon collisions at LEP II with the DELPHI detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2003</b> , 565, 76-86	4.2	36
59	Searches for neutral Higgs bosons in $(\mathit{e}^+\mathit{e}^-)$ collisions from $(\sqrt{s} = 191.6)$ to 201.7 GeV. <i>European Physical Journal C</i> , <b>2002</b> , 23, 409-435	4.2	8
58	Search for charged Higgs bosons in $e^+e^-$ collisions at $s=189\text{-}202\text{ GeV}$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2002</b> , 525, 17-28	4.2	12
57	Rapidity-alignment and $p_T$ compensation of particle pairs in hadronic Z0 decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2002</b> , 533, 243-252	4.2	2
56	A measurement of the Tau topological branching ratios. <i>European Physical Journal C</i> , <b>2001</b> , 20, 617-637	4.2	11
55	Search for R-parity violation with a $U - D - D$ coupling at $s=189\text{ GeV}$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2001</b> , 500, 22-36	4.2	11
54	Search for spontaneous R-parity violation at $\sqrt{s}=189\text{ GeV}$ and $189\text{ GeV}$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2001</b> , 502, 24-36	4.2	10
53	Search for a fermiophobic Higgs at LEP 2. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2001</b> , 507, 89-103	4.2	24
52	Single intermediate vector boson production in $e^+e^-$ collisions at $s=183$ and $189\text{ GeV}$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2001</b> , 515, 238-254	4.2	8
51	Inclusive $\chi$ and $\psi(1520)$ production in hadronic Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2000</b> , 475, 429-447	4.2	9

50	Measurement and interpretation of fermion-pair production at LEP energies of 183 and 189 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2000</b> , 485, 45-61	4.2	47
49	Search for SUSY with R-parity violating couplings at GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2000</b> , 487, 36-52	4.2	17
48	Rapidity-rank structure of pp pairs in hadronic Z0 decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2000</b> , 490, 61-70	4.2	3
47	Limits on the masses of supersymmetric particles at s=189 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2000</b> , 489, 38-54	4.2	12
46	Search for supersymmetric partners of top and bottom quarks at $\sqrt{s}$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2000</b> , 496, 59-75	4.2	14
45	Photon events with missing energy at $(\sqrt{s})=183$ to 189 GeV. <i>European Physical Journal C</i> , <b>2000</b> , 17, 53-65	4.2	44
44	Search for supersymmetry with R-parity violating ( $\bar{L}E$ ) couplings at $(\sqrt{s} = 183)$ GeV <b>2000</b> , 13, 591		12
43	Search for charginos, neutralinos and gravitinos in $e^+e^-$ interactions at GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1999</b> , 446, 75-91	4.2	14
42	A search for invisible Higgs bosons produced in $e^+e^-$ interactions at LEP 2 energies. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1999</b> , 459, 367-381	4.2	6
41	Measurement of the rate of events in hadronic Z decays and the extraction of the gluon splitting into. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1999</b> , 462, 425-439	4.2	18
40	Measurement of the mass of the W boson using direct reconstruction at $\sqrt{s} = 183$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1999</b> , 462, 410-424	4.2	16
39	Measurement of the quark and gluon fragmentation functions in $Z^0$ hadronic decays <b>1999</b> , 6, 19		21
38	Search for neutral Higgs bosons in $e^+e^-$ collisions at $(\sqrt{s}=183)$ GeV <b>1999</b> , 10, 563		12
37	Search for charginos nearly mass-degenerate with the lightest neutralino <b>1999</b> , 11, 1		15
36	Measurement and interpretation of fermion-pair production at LEP energies from 130 to 172 GeV <b>1999</b> , 11, 383		25
35	A precise measurement of the partial decay width ratio $(R_{\text{b}})^0 = \Gamma_{\text{b}}/\Gamma_{\text{had}}$ <b>1999</b> , 10, 415		25
34	Search for charginos, neutralinos and gravitinos at LEP. <i>European Physical Journal C</i> , <b>1998</b> , 1, 1	4.2	10
33	Charged particle multiplicity in $e^+e^- \rightarrow q\bar{q}$ events at 161 and 172 GeV and from the decay of the W boson. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1998</b> , 416, 233-246	4.2	11

32	Measurement of the inclusive charmless and double-charm B branching ratios. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1998</b> , 426, 193-206	4.2	6
31	Measurement of the charged particle multiplicity of weakly decaying B hadrons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1998</b> , 425, 399-412	4.2	5
30	First evidence for a charm radial excitation, D. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1998</b> , 426, 231-242	4.2	33
29	A study of the hadronic resonance structure in the decay $B \rightarrow \pi \pi$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1998</b> , 426, 411-427	4.2	26
28	A search for heavy stable and long-lived squarks and sleptons in $e^+e^-$ collisions at energies from 130 to 183 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1998</b> , 444, 491-502	4.2	24
27	$(\pi^{\pm})$ , $(K^{\pm})$ , $p$ and $(\bar{p})$ production in $(Z^0 \rightarrow q\bar{q})$ , $(Z^0 \rightarrow b\bar{b})$ , $(Z^0 \rightarrow u\bar{u})$ , $(\bar{d})$ , $(\bar{s})$ <b>1998</b> , 5, 585		65
26	Measurement of the transverse spin correlation in $Z \rightarrow \mu\mu$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1997</b> , 404, 194-206	4.2	4
25	A precise measurement of the $B^0_d$ meson lifetime using a new technique. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1997</b> , 74, 19-32		16
24	Search for neutral heavy leptons produced in Z decays. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1997</b> , 74, 57-71		199
23	A study of the reaction $e^+e^- \rightarrow \mu^+\mu^-$ ISR at LEP and search for new physics at annihilation energies near 80 GeV. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1997</b> , 75, 581-592		7
22	Measurement of correlations between pions from different W's in $e^+e^- \rightarrow W^+W^-$ events. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1997</b> , 401, 181-191	4.2	24
21	Measurement of the multiplicity of gluons splitting to bottom quark pairs in hadronic $Z^0$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1997</b> , 405, 202-214	4.2	21
20	Search for $B_s^0$ - oscillations. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1997</b> , 414, 382-400	4.2	4
19	A measurement of the photon structure function $F_2^\gamma$ at an average $Q^2$ of 12 GeV $^2/c^4$ . <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1996</b> , 69, 223-233		26
18	Measurement of inclusive $D$ production in hadronic $Z^0$ decays. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1996</b> , 69, 561-573		18
17	Search for promptly produced heavy quarkonium states in hadronic Z decays. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1996</b> , 69, 575-583		8
16	Determination of the average lifetime of $\Lambda_b^-$ baryons. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1996</b> , 71, 199-210		6
15	Determination of $ V_{cb} $ from the semileptonic decay $B \rightarrow D^* \ell \nu$ . <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1996</b> , 71, 539-553		33



14	First measurement of $f_2'(1525)$ production in $Z^0$ hadronic decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1996</b> , 379, 309-318	4.2	5
13	Kaon interference in the hadronic decays of the $Z^0$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1996</b> , 379, 330-340	4.2	20
12	Search for the lightest chargino at GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1996</b> , 382, 323-336	4.2	14
11	Search for neutralinos, scalar leptons and scalar quarks in $e^+e^-$ interactions at. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1996</b> , 387, 651-666	4.2	12
10	Performance of the DELPHI detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>1996</b> , 378, 57-100	1.2	248
9	An upper limit for $\text{Br}(Z^0 \rightarrow f\bar{g}g)$ from symmetric 3-jet $Z^0$ hadronic decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1996</b> , 389, 405-415	4.2	1
8	Mean lifetime of the $B^0$ meson <b>1996</b> , 71, 11		1
7	Measurement of the $B^0$ oscillation frequency using kaons, leptons and jet charge <b>1996</b> , 72, 17		1
6	Observation of orbitally excited B mesons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1995</b> , 345, 598-608	4.2	75
5	Observation of short range three-particle correlations in $e^+e^-$ annihilations at LEP energies. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1995</b> , 355, 415-424	4.2	28
4	Inclusive measurements of the production in hadronic $Z^0$ decays. <i>Nuclear Physics B</i> , <b>1995</b> , 444, 3-26	2.8	38
3	$J/\psi$ production in the hadronic decays of the Z. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1994</b> , 341, 109-122	4.2	28
2	Improved measurements of cross sections and asymmetries at the $Z^0$ resonance. <i>Nuclear Physics B</i> , <b>1994</b> , 418, 403-427	2.8	37
1	Measurements of the lineshape of the $Z^0$ and determination of electroweak parameters from its hadronic and leptonic decays. <i>Nuclear Physics B</i> , <b>1994</b> , 417, 3-57	2.8	19