

Jolanta brodzicka

List of Publications by Citations

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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.

419
papers

20,292
citations

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429
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23,378
ext. citations

5.7
avg, IF

5.99
L-index

#	Paper	IF	Citations
419	Observation of a narrow charmoniumlike state in exclusive $B^+ \rightarrow K^+ \pi^+ \pi^- J/\psi$ decays. <i>Physical Review Letters</i> , 2003 , 91, 262001	7.4	1115
418	Heavy quarkonium: progress, puzzles, and opportunities. <i>European Physical Journal C</i> , 2011 , 71, 1	4.2	1102
417	Observation of J/ψ Resonances Consistent with Pentaquark States in $\bar{B}^0 \rightarrow J/\psi p$ Decays. <i>Physical Review Letters</i> , 2015 , 115, 072001	7.4	580
416	Test of lepton universality using $b^+ \rightarrow K^+ \mu^+ \mu^-$ decays. <i>Physical Review Letters</i> , 2014 , 113, 151601	7.4	542
415	Study of $e^+ e^- \rightarrow \mu^+ \mu^- J/\psi$ and observation of a charged charmoniumlike state at Belle. <i>Physical Review Letters</i> , 2013 , 110, 252002	7.4	458
414	LHCb detector performance. <i>International Journal of Modern Physics A</i> , 2015 , 30, 1530022	1.2	452
413	Observation of a resonancelike structure in the $\pi^+ \pi^- \psi'$ mass distribution in exclusive $B \rightarrow K \pi^+ \pi^- \psi'$ decays. <i>Physical Review Letters</i> , 2008 , 100, 142001	7.4	358
412	Observation of the rare $B(s)(0) \rightarrow \mu^+ \mu^-$ decay from the combined analysis of CMS and LHCb data. <i>Nature</i> , 2015 , 522, 68-72	50.4	326
411	Measurement of the ratio of branching fractions $B(B \rightarrow D^{*+} \mu^-) / B(B \rightarrow D^{*+} \tau^-)$. <i>Physical Review Letters</i> , 2015 , 115, 111803	7.4	316
410	Test of lepton universality with $B^0 \rightarrow K^{*0} \mu^+ \mu^-$ decays. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	298
409	Measurement of the $e^+ e^- \rightarrow \pi^+ \pi^- J/\psi$ cross section via initial-state radiation at Belle. <i>Physical Review Letters</i> , 2007 , 99, 182004	7.4	283
408	Observation of two resonant structures in $e^+ e^- \rightarrow \pi^+ \pi^- \psi(2S)$ via initial-state radiation at Belle. <i>Physical Review Letters</i> , 2007 , 99, 142002	7.4	272
407	Observation of the Doubly Charmed Baryon Ω_{cc}^{++} . <i>Physical Review Letters</i> , 2017 , 119, 112001	7.4	257
406	Observation of a near-threshold $\omega J/\psi$ mass enhancement in exclusive $B \rightarrow K \omega J/\psi$ decays. <i>Physical Review Letters</i> , 2005 , 94, 182002	7.4	250
405	Observation of double $c\bar{c}$ production in $e^+ e^-$ annihilation at \sqrt{s} approximately 10.6 GeV. <i>Physical Review Letters</i> , 2002 , 89, 142001	7.4	238
404	Observation of the resonant character of the $Z(4430)(-)$ state. <i>Physical Review Letters</i> , 2014 , 112, 222002	7.4	234
403	The Physics of the B Factories. <i>European Physical Journal C</i> , 2014 , 74, 1	4.2	233

402	Angular analysis of the $B^0 \rightarrow K^* \rho^0$ decay using 3 fb of integrated luminosity. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	232
401	Study of $B \rightarrow D^{*0}(\rho^0 \rightarrow D^{*+})$ decays. <i>Physical Review D</i> , 2004 , 69,	4.9	204
400	Observation of a charmoniumlike state produced in association with a J/ψ in e^+e^- annihilation at \sqrt{s} approximately equal to 10.6 GeV. <i>Physical Review Letters</i> , 2007 , 98, 082001	7.4	198
399	Evidence for D^0 - \bar{D}^0 mixing. <i>Physical Review Letters</i> , 2007 , 98, 211803	7.4	194
398	Observation of two resonancelike structures in the ρ^0 mass distribution in exclusive $B^0 \rightarrow K \rho^0$ decays. <i>Physical Review D</i> , 2008 , 78,	4.9	185
397	Physics achievements from the Belle experiment. <i>Progress of Theoretical and Experimental Physics</i> , 2012 , 2012, 4D001-0	5.4	184
396	Observation of a near-threshold enhancement in the $e^+e^- \rightarrow \Lambda_c^+ \Lambda_c^-$ cross section using initial-state radiation. <i>Physical Review Letters</i> , 2008 , 101, 172001	7.4	178
395	Observation of new states decaying into $\Lambda_c^+ K^0 \pi^+$ and $\Lambda_c^+ K^0 \pi^-$. <i>Physical Review Letters</i> , 2006 , 97, 162001	7.4	175
394	Improved measurement of mixing-induced CP violation in the neutral B meson system. <i>Physical Review D</i> , 2002 , 66,	4.9	167
393	Observation of Five New Narrow χ_{c0} States Decaying to $\chi_{c0} K^{\pm}$. <i>Physical Review Letters</i> , 2017 , 118, 182001	7.4	154
392	Observation of a near-threshold $D(0)D^*(0)\pi(0)$ enhancement in $B \rightarrow D(0)D^*(0)\pi(0)K$ decay. <i>Physical Review Letters</i> , 2006 , 97, 162002	7.4	149
391	Angular analysis and differential branching fraction of the decay $B^0 \rightarrow \rho^0 \rho^0$. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	138
390	Observation of anomalous $\psi(1S)\pi^+\pi^-$ and $\psi(2S)\pi^+\pi^-$ production near the $\psi(5S)$ resonance. <i>Physical Review Letters</i> , 2008 , 100, 112001	7.4	138
389	High-statistics study of the $B \rightarrow \rho^0$ decay. <i>Physical Review D</i> , 2008 , 78,	4.9	136
388	Measurement of the Ratio of the $B^0 \rightarrow D^{*+} \rho^0$ and $B^0 \rightarrow D^{*+} \rho^+$ Branching Fractions Using Three-Prong Lepton Decays. <i>Physical Review Letters</i> , 2018 , 120, 171802	7.4	126
387	Observation of the $\eta_c(2S)$ in Exclusive $B \rightarrow KK(S)K\pi^+$ Decays. <i>Physical Review Letters</i> , 2002 , 89, 102001	7.4	125
386	Bounds on the width, mass difference and other properties of $X(3872) \rightarrow \rho^0/\omega$ decays. <i>Physical Review D</i> , 2011 , 84,	4.9	123
385	Study of double charmonium production in e^+e^- annihilation at $\sqrt{s} \approx 10.6$ GeV. <i>Physical Review D</i> , 2004 , 70,	4.9	123

384	Measurement of azimuthal asymmetries in inclusive production of hadron pairs in e^+e^- annihilation at $s=10.58$ GeV. <i>Physical Review D</i> , 2008 , 78,	4.9	122
383	New search for χ_{c0} . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2008 , 666, 16-22	4.2	119
382	Observation of a new DsJ meson in $B^{++} \rightarrow D^0 D^0 K^+$ decays. <i>Physical Review Letters</i> , 2008 , 100, 092001	7.4	116
381	Dalitz analysis of the three-body charmless decays $B^{++} \rightarrow K^+ \pi^+ \pi^0$ and $B^{++} \rightarrow K^+ K^+ K^0$. <i>Physical Review D</i> , 2005 , 71,	4.9	114
380	Measurement of the Ratio of Branching Fractions $B(B_{c^+} \rightarrow J/\psi \pi^+ \pi^0) / B(B_{c^+} \rightarrow J/\psi \pi^+ \pi^0)$. <i>Physical Review Letters</i> , 2018 , 120, 121801	7.4	109
379	Evidence for direct CP violation in $B^0 \rightarrow K^+ \pi^-$ decays. <i>Physical Review Letters</i> , 2004 , 93, 191802	7.4	108
378	Improved measurement of the electroweak penguin process $B \rightarrow X s \bar{c}$. <i>Physical Review D</i> , 2005 , 72,	4.9	108
377	First observation of the P-wave spin-singlet bottomonium states $hb(1P)$ and $hb(2P)$. <i>Physical Review Letters</i> , 2012 , 108, 032001	7.4	107
376	Test of lepton flavor universality by the measurement of the $B^0 \rightarrow D^* \mu^+ \mu^-$ branching fraction using three-prong μ decays. <i>Physical Review D</i> , 2018 , 97,	4.9	106
375	Measurement of the $B_{s^0} \rightarrow \mu^+ \mu^-$ Branching Fraction and Effective Lifetime and Search for $B^0 \rightarrow \mu^+ \mu^-$ Decays. <i>Physical Review Letters</i> , 2017 , 118, 191801	7.4	106
374	Experimental constraints on the spin and parity of the $Z(4430)^+$. <i>Physical Review D</i> , 2013 , 88,	4.9	106
373	Observation of J/ψ Structures Consistent with Exotic States from Amplitude Analysis of $B^+ \rightarrow J/\psi K^+$ Decays. <i>Physical Review Letters</i> , 2017 , 118, 022003	7.4	98
372	Evidence for large direct CP violation in $B^{+/-} \rightarrow \rho(770)0 K^{+/-}$ from analysis of three-body charmless $B^{+/-} \rightarrow K^{+/-} \pi^+ \pi^-$ decays. <i>Physical Review Letters</i> , 2006 , 96, 251803	7.4	97
371	Measurement of branching fractions and polarization in $B \rightarrow \phi K^*$ decays. <i>Physical Review Letters</i> , 2003 , 91, 201801	7.4	96
370	Observation of time-dependent CP violation in $B^0 \rightarrow \eta' K^0$ decays and improved measurements of CP asymmetries in $B^0 \rightarrow \phi K^0$, $KS^0 KS^0 KS^0$ and $B^0 \rightarrow J/\psi K^0$ decays. <i>Physical Review Letters</i> , 2007 , 98, 031802	7.4	94
369	Observation of $B(0) \rightarrow D^{(*)} \tau^+ \nu(\tau)$ decay at Belle. <i>Physical Review Letters</i> , 2007 , 99, 191807	7.4	93
368	Evidence for Exotic Hadron Contributions to $\chi_{b^0} \rightarrow J/\psi \pi^0$ Decays. <i>Physical Review Letters</i> , 2016 , 117, 082003	7.4	91
367	Observation of $X(3872) \rightarrow J/\psi$ and search for $X(3872) \rightarrow \pi \pi$ in B decays. <i>Physical Review Letters</i> , 2011 , 107, 091803	7.4	91

366	Measurement of polarization and triple-product correlations in $B \rightarrow \phi K^*$ decays. <i>Physical Review Letters</i> , 2005 , 94, 221804	7.4	88
365	Measurement of the near-threshold $e^+e^- \rightarrow DD^*$ cross section using initial-state radiation. <i>Physical Review D</i> , 2008 , 77,	4.9	87
364	Model-Independent Evidence for J/ψ Contributions to $\chi_{c0} \rightarrow J/\psi K^0$ Decays. <i>Physical Review Letters</i> , 2016 , 117, 082002	7.4	85
363	Observation of an isotriplet of excited charmed baryons decaying to $\lambda + c \pi$. <i>Physical Review Letters</i> , 2005 , 94, 122002	7.4	85
362	Measurement of the track reconstruction efficiency at LHCb. <i>Journal of Instrumentation</i> , 2015 , 10, P02007-P02007	1	79
361	Measurement of D^0 - \bar{D}^0 mixing parameters in $D^0 \rightarrow K_S \pi^+ \pi^-$ decays. <i>Physical Review Letters</i> , 2007 , 99, 131803	7.4	82
360	Observation of $B(0) \rightarrow D^{(*)0} pp$. <i>Physical Review Letters</i> , 2002 , 89, 151802	7.4	81
359	Determination of the quark coupling strength $ V_{ub} $ using baryonic decays. <i>Nature Physics</i> , 2015 , 11, 743-747	7.4	79
358	Precision luminosity measurements at LHCb. <i>Journal of Instrumentation</i> , 2014 , 9, P12005-P12005	1	79
357	Study of the $B \rightarrow X(3872) \rightarrow D^* D^0 K$ decay. <i>Physical Review D</i> , 2010 , 81,	4.9	77
356	Measurement of time-dependent CP-violating asymmetries in $B^0 \rightarrow \phi K(0)S$, $K+K-K(0)S$, and $\eta' K(0)S$ decays. <i>Physical Review Letters</i> , 2003 , 91, 261602	7.4	76
355	Search for Dark Photons Produced in 13 TeV pp Collisions. <i>Physical Review Letters</i> , 2018 , 120, 061801	7.4	75
354	High statistics study of the $f_0(980)$ resonance in $B \rightarrow \pi \pi$ production. <i>Physical Review D</i> , 2007 , 75,	4.9	73
353	Dalitz plot analysis of $B_s^0 \rightarrow D^0 K \pi$ decays. <i>Physical Review D</i> , 2014 , 90,	4.9	70
352	Improved measurement of CP-violation parameters $\sin 2\beta_1$ and β_1 B meson lifetimes, and B^0 - \bar{B}^0 mixing parameter β_{hd} . <i>Physical Review D</i> , 2005 , 71,	4.9	70
351	Observation of the $\psi(4415) \rightarrow DD^*(2460)$ decay using initial-state radiation. <i>Physical Review Letters</i> , 2008 , 100, 062001	7.4	66
350	Measurements of prompt charm production cross-sections in pp collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	65
349	Search for Hidden-Sector Bosons in $B(0) \rightarrow K^{*0}(\pi^+ \pi^-)$ Decays. <i>Physical Review Letters</i> , 2015 , 115, 161802	7.4	65

348	Measurement of β_3 with Dalitz plot analysis of $B^{\pm} \rightarrow D^{(*)} K^{\pm}$ decay. <i>Physical Review D</i> , 2004 , 70,	4.9	65
347	Study of the production of and hadrons in pp collisions and first measurement of the branching fraction. <i>Chinese Physics C</i> , 2016 , 40, 011001	2.2	65
346	Search for Structure in the $B_{s^0}^{\pm}$ Invariant Mass Spectrum. <i>Physical Review Letters</i> , 2016 , 117, 152003	7.4	64
345	Charm hadrons from fragmentation and B decays in e^+e^- annihilation at $\sqrt{s}=10.6$ GeV. <i>Physical Review D</i> , 2006 , 73,	4.9	64
344	Improved constraints on D^0 - \bar{D}^0 mixing in $D^0 \rightarrow K^+ \pi^-$ decays from the Belle detector. <i>Physical Review Letters</i> , 2006 , 96, 151801	7.4	63
343	Experimental constraints on the spin and parity of the $\Lambda_{c2}(2880)^+$. <i>Physical Review Letters</i> , 2007 , 98, 262001	7.4	63
342	Observation of overlapping spin-1 and spin-3 $D^0 K^-$ resonances at mass 2.86 GeV/c ² . <i>Physical Review Letters</i> , 2014 , 113, 162001	7.4	61
341	Time-dependent CP-violating asymmetries in $b \rightarrow s q \bar{q}$ transitions. <i>Physical Review D</i> , 2005 , 72,	4.9	60
340	Evidence of a new narrow resonance decaying to $(\bar{c}1)\pi$ in $B \rightarrow (\bar{c}1)K$. <i>Physical Review Letters</i> , 2013 , 111, 032001	7.4	58
339	Amplitude analysis of $B^{\pm} \rightarrow J/\psi K^{\pm}$ decays. <i>Physical Review D</i> , 2017 , 95,	4.9	56
338	Differential branching fraction and angular analysis of $B^0 b \rightarrow \mu\mu$ decays. <i>Journal of High Energy Physics</i> , 2015 , 2015,	5.4	54
337	Observation of an enhancement in $e^+e^- \rightarrow (1S)\mu\mu(2S)\mu\mu$ and $(BS)\mu\mu$ production near $\sqrt{s}=10.89$ GeV. <i>Physical Review D</i> , 2010 , 82,	4.9	54
336	First Observation of the Doubly Charmed Baryon Decay $\Xi_{cc}^{++} \rightarrow \Xi_c^+ \pi^+$. <i>Physical Review Letters</i> , 2018 , 121, 162002	7.4	54
335	Precision measurement of CP violation in $B(S)(0) \rightarrow J/\psi K^{\pm}$ decays. <i>Physical Review Letters</i> , 2015 , 114, 041801	7.4	53
334	Dalitz plot analysis of $B^0 \rightarrow D^0 \mu\mu$ decays. <i>Physical Review D</i> , 2015 , 92,	4.9	53
333	Search for a CP asymmetry in Cabibbo-suppressed D^0 decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2008 , 670, 190-195	4.2	53
332	Measurement of the β . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2005 , 615, 39-49	4.2	53
331	Study of the baryon-antibaryon low-mass enhancements in charmless three-body baryonic B decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2005 , 617, 141-149	4.2	53

330	Measurement of the electroweak penguin process $B \rightarrow X(s)l+l^-$. <i>Physical Review Letters</i> , 2003 , 90, 021801	7.4	52
329	Studies of CP violation in $B \rightarrow J/\psi K^*$ decays. <i>Physical Review Letters</i> , 2005 , 95, 091601	7.4	51
328	Observation of a New χ_{c1} Resonance. <i>Physical Review Letters</i> , 2018 , 121, 072002	7.4	50
327	Evidence for the $\chi_{c1}(2S)$ and observation of $h(b)(1P) \rightarrow \chi_{c1}(1S)$ and $h(b)(2P) \rightarrow \chi_{c1}(1S)$ <i>Physical Review Letters</i> , 2012 , 109, 232002	7.4	50
326	Search for long-lived scalar particles in $B \rightarrow K + \text{scalar}$ decays. <i>Physical Review D</i> , 2017 , 95,	4.9	48
325	Measurements of the S-wave fraction in $B^0 \rightarrow K + \text{scalar}$ decays and the $B^0 \rightarrow K^*(892)^0 \text{ scalar}$ differential branching fraction. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	48
324	Measurement of forward J/ψ production cross-sections in pp collisions at $(\sqrt{s}=13)$ TeV. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	47
323	Measurements of CP violation in the three-body phase space of charmless B^+ decays. <i>Physical Review D</i> , 2014 , 90,	4.9	47
322	Study of Ξ^0 and Ξ^{*0} baryons at Belle. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2009 , 672, 1-5	4.2	46
321	Measurement of the branching fraction, polarization, and asymmetry for decays, and determination of the Cabibbo-Kobayashi-Maskawa phase. <i>Physical Review Letters</i> , 2006 , 96, 171801	7.4	46
320	Search for $B \rightarrow h(*)\nu_{\text{overline{e}}}$ decays at Belle. <i>Physical Review Letters</i> , 2007 , 99, 221802	7.4	46
319	Measurement of matter-antimatter differences in beauty baryon decays. <i>Nature Physics</i> , 2017 , 13, 391-396	6.2	45
318	Observation of $B \rightarrow K_1(1270) + \gamma$. <i>Physical Review Letters</i> , 2005 , 94, 111802	7.4	45
317	Amplitude analysis of $B \rightarrow D + \text{scalar}$ decays. <i>Physical Review D</i> , 2016 , 94,	4.9	45
316	Measurement of the Lifetime of the Doubly Charmed Baryon χ_{cc}^{++} . <i>Physical Review Letters</i> , 2018 , 121, 052002	7.4	44
315	Observation of $\chi_{c0}(4040)$ and $\chi_{c1}(4160)$ decay into χ_{c1}/χ_{c0} <i>Physical Review D</i> , 2013 , 87,	4.9	43
314	Measurement of the $e^+e^- \rightarrow J/\psi \text{ scalar}$ cross section at $\sqrt{s} \approx 0.6$ GeV. <i>Physical Review D</i> , 2009 , 79,	4.9	43
313	Observation of the color-suppressed decay $B(0) \rightarrow D(0)\pi(0)$. <i>Physical Review Letters</i> , 2002 , 88, 052002	7.4	43

312	Measurement of CP asymmetry in $D^0 \rightarrow K^+ K^-$ and $D^0 \rightarrow \pi^+ \pi^-$ decays. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5-4	42
311	Measurement of the exclusive ρ production cross-section in pp collisions at ($\sqrt{s}=7$) TeV and 8 TeV. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5-4	42
310	Time-dependent CP asymmetries in $B^0 \rightarrow K_S^0 \pi^0$ transitions. <i>Physical Review D</i> , 2006 , 74,	4-9	42
309	Observation of the decay $B^0 \rightarrow \Lambda^0 c p$. <i>Physical Review Letters</i> , 2003 , 90, 121802	7-4	42
308	Measurement of the [Formula: see text] production cross-section in proton-proton collisions via the decay [Formula: see text]. <i>European Physical Journal C</i> , 2015 , 75, 311	4-2	41
307	Precision measurement of charged pion and kaon differential cross sections in $e^+ e^-$ annihilation at $\sqrt{s}=10.52$ GeV. <i>Physical Review Letters</i> , 2013 , 111, 062002	7-4	40
306	Search for the Decays $B_{s^0} \rightarrow \rho^+ \rho^-$ and $B^0 \rightarrow \rho^+ \rho^-$. <i>Physical Review Letters</i> , 2017 , 118, 251802	7-4	40
305	Observation of $B^+ \rightarrow \Lambda^0 \Lambda^0 K^+$. <i>Physical Review Letters</i> , 2004 , 93, 211801	7-4	40
304	Observation of $D^+(s)K^-$ and evidence for $D^+(s)\pi^-$ final states in neutral B decays. <i>Physical Review Letters</i> , 2002 , 89, 231804	7-4	39
303	Evidence for CP-violating asymmetries in $B^0 \rightarrow \pi^+ \pi^-$ decays and constraints on the CKM angle α . <i>Physical Review D</i> , 2003 , 68,	4-9	38
302	Measurements of the branching fraction and polarization in $B^+ \rightarrow \rho^+ K^0$ decays. <i>Physical Review Letters</i> , 2005 , 95, 141801	7-4	38
301	Observation of $B^0 \rightarrow \pi^0 \pi^0$. <i>Physical Review Letters</i> , 2005 , 94, 181803	7-4	38
300	Study of $B \rightarrow D^{**} \pi$ with full reconstruction tagging. <i>Physical Review D</i> , 2008 , 77,	4-9	37
299	Moments of the electron energy spectrum and partial branching fraction of $B \rightarrow X_{\text{c}} e \ell$ decays at the Belle detector. <i>Physical Review D</i> , 2007 , 75,	4-9	37
298	Radiative B meson decays into $k \pi \gamma$ and $k \pi \pi \gamma$ final states. <i>Physical Review Letters</i> , 2002 , 89, 231801	7-4	37
297	Measurement of the b-Quark Production Cross Section in 7 and 13 TeV pp Collisions. <i>Physical Review Letters</i> , 2017 , 118, 052002	7-4	36
296	Measurements of branching fractions of leptonic and hadronic (D_{s^+}) meson decays and extraction of the (D_{s^+}) meson decay constant. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5-4	36
295	Measurement of $B(D_s^+ \rightarrow \mu^+ \nu(\mu))$. <i>Physical Review Letters</i> , 2008 , 100, 241801	7-4	36

294	Observation of $B^+ \rightarrow \psi(3770)K^+$. <i>Physical Review Letters</i> , 2004 , 93, 051803	7.4	36
293	Search for massive long-lived particles decaying semileptonically in the LHCb detector. <i>European Physical Journal C</i> , 2017 , 77, 224	4.2	35
292	Measurement of B_c^+ Production in Proton-Proton Collisions at $\sqrt{s}=8$ TeV. <i>Physical Review Letters</i> , 2015 , 114, 132001	7.4	35
291	Observation of two new $\Lambda(b)^{-}$ baryon resonances. <i>Physical Review Letters</i> , 2015 , 114, 062004	7.4	35
290	Measurement of forward W and Z boson production in pp collisions at $s = 8 \sqrt{s}=8$ TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016,	5.4	34
289	Quantum numbers of the X(3872) state and orbital angular momentum in its $\Lambda J/\psi$ decay. <i>Physical Review D</i> , 2015 , 92,	4.9	34
288	Search for lepton-number-violating $B^+ \rightarrow D^0 \mu^+$ decays. <i>Physical Review D</i> , 2011 , 84,	4.9	34
287	Measurement of inclusive D_s , D_0 , and J/ψ rates and determination of the $B_s^{(*)}B_s^{(*)}$ production fraction in bb Events at the Upsilon(5S) resonance. <i>Physical Review Letters</i> , 2007 , 98, 052001	7.4	34
286	Study of the $D^0 p$ amplitude in $\Lambda b \rightarrow D^0 p$ decays. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	33
285	Measurement of the CP-violating phase γ_s in $B^0 \rightarrow J/\psi$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 736, 186-195	4.2	33
284	Study of $\chi_{c0}(\mathbf{b})$ meson production in $p p$ collisions at $\sqrt{s}=7$ and 8 TeV. <i>European Physical Journal C</i> , 2014 , 74,	4.2	33
283	Study of $B^+ \rightarrow D^0 K^+$ and $D^0 K^+$ decays. <i>Physical Review D</i> , 2006 , 73,	4.9	33
282	Measurement of the CP asymmetry in $B^+ \rightarrow X_s \gamma$. <i>Physical Review Letters</i> , 2004 , 93, 031803	7.4	33
281	Identification of beauty and charm quark jets at LHCb. <i>Journal of Instrumentation</i> , 2015 , 10, P06013-P06013		32
280	Measurements of long-range near-side angular correlations in $\sqrt{s_{NN}}=5$ TeV proton-lead collisions in the forward region. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 762, 473-483	4.2	32
279	Measurement of the forward Z boson production cross-section in pp collisions at $(\sqrt{s}=7)$ TeV. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	31
278	Measurement of branching fractions and charge asymmetries for two-body B meson decays with charmonium. <i>Physical Review D</i> , 2003 , 67,	4.9	31
277	First observation and amplitude analysis of the $B^0 \rightarrow D^+ K^-$ decay. <i>Physical Review D</i> , 2015 , 91,	4.9	30

276	Precision measurement of the mass and lifetime of the $\Lambda_b(0)$ baryon. <i>Physical Review Letters</i> , 2014 , 113, 032001	7.4	30
275	Measurement of $ V_{ub} $ near the endpoint of the electron momentum spectrum from semileptonic B-meson decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2005 , 621, 28-40	4.2	30
274	Observation of the $\Lambda_b \rightarrow J/\psi \Lambda$ decay. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	29
273	Measurement of the semileptonic CP asymmetry in B_0 - B_0 mixing. <i>Physical Review Letters</i> , 2015 , 114, 041601	7.4	28
272	Study of exclusive B decays to charmed baryons. <i>Physical Review D</i> , 2002 , 66,	4.9	28
271	Study of prompt D^0 meson production in pPb collisions at $(\sqrt{s_{NN}}) = 5$ TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	27
270	Study of (\varUpsilon) production and cold nuclear matter effects in pPb collisions at $(\sqrt{s_{NN}}) = 5$ TeV. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	27
269	First measurement of the differential branching fraction and CP asymmetry of the $B^+ \rightarrow \pi^+ \pi^0$ decay. <i>Journal of High Energy Physics</i> , 2015 , 2015,	5.4	27
268	Publisher's Note: Observation of the $\psi(2S)$ in Exclusive $B \rightarrow KK\psi$ Decays [Phys. Rev. Lett 89, 102001 (2002)]. <i>Physical Review Letters</i> , 2002 , 89,	7.4	27
267	Search for charmless two-body baryonic decays of B mesons. <i>Physical Review D</i> , 2002 , 65,	4.9	27
266	Prompt and nonprompt J/ψ production and nuclear modification in pPb collisions at $\sqrt{s_{NN}} = 8.16$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017 , 774, 159-178	4.2	26
265	Search for long-lived particles decaying to jet pairs. <i>European Physical Journal C</i> , 2015 , 75, 152	4.2	26
264	Precision measurement of the mass and lifetime of the Λ_b^0 baryon. <i>Physical Review Letters</i> , 2014 , 113, 242002	7.4	26
263	Observation of $e^+e^- \rightarrow K^+K^-/\pi^+\pi^-$ via initial-state radiation at Belle. <i>Physical Review D</i> , 2008 , 77,	4.9	26
262	Studies of B_0 - B_0 mixing properties with inclusive dilepton events. <i>Physical Review D</i> , 2003 , 67,	4.9	26
261	Measurement of branching fractions for $B \rightarrow \eta(c)K^*$ decays. <i>Physical Review Letters</i> , 2003 , 90, 071801	7.4	26
260	Search for $B_0 \rightarrow l^+l^-$ at the Belle detector. <i>Physical Review D</i> , 2003 , 68,	4.9	26
259	Search for $B \rightarrow \eta(c)K^*$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2005 , 613, 20-28	4.2	26

258	Determination of Γ_{ub} from measurements of the inclusive charmless semileptonic partial rates of B mesons using full reconstruction tags. <i>Physical Review Letters</i> , 2005 , 95, 241801	7.4	26
257	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> , 2017 , 77, 161	4.2	25
256	Measurement of the Difference of Time-Integrated CP Asymmetries in $D^0 \rightarrow K^+ K^-$ and $D^0 \rightarrow \pi^+ \pi^-$ Decays. <i>Physical Review Letters</i> , 2016 , 116, 191601	7.4	25
255	Measurement of the J/ψ pair production cross-section in pp collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	25
254	Model-independent confirmation of the $Z(4430)$ state. <i>Physical Review D</i> , 2015 , 92,	4.9	25
253	Measurement of the lifetime of the B_c^+ meson using the $B_c^+ \rightarrow J/\psi$ decay mode. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015 , 742, 29-37	4.2	25
252	Measurement of masses of the χ_{c0} . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2008 , 665, 9-15	4.2	25
251	Production of associated Υ and open charm hadrons in pp collisions at ($\sqrt{s}=7$) and 8 TeV via double parton scattering. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	25
250	Measurement of the CP-violating phase $\arg(\lambda_{cb})$ in $B^0 \rightarrow J/\psi$ decays and limits on penguin effects. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015 , 742, 38-49	4.2	24
249	First observation of a baryonic B_c^+ decay. <i>Physical Review Letters</i> , 2014 , 113, 152003	7.4	24
248	Study of decay mechanisms in $B^0 \rightarrow \Lambda_c^+ p \pi^-$ decays and observation of low-mass structure in the $\Lambda_c^+ p$ system. <i>Physical Review Letters</i> , 2006 , 97, 242001	7.4	24
247	Observation of the decays $B^0 \rightarrow K^+ \pi^-$ and $B^0 \rightarrow \bar{K}^+$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2004 , 599, 148-158	4.2	24
246	Measurement of the wrong-sign decays $D^0 \rightarrow K^+ \pi^- \pi^0$ and $D^0 \rightarrow K^+ \pi^- \pi^+ \pi^-$, and search for CP violation. <i>Physical Review Letters</i> , 2005 , 95, 231801	7.4	24
245	Measurement of the shape of the $B^0 \rightarrow \pi^+ \pi^-$ differential decay rate. <i>Physical Review D</i> , 2017 , 96,	4.9	23
244	Updated search for long-lived particles decaying to jet pairs. <i>European Physical Journal C</i> , 2017 , 77, 812	4.2	23
243	Measurement of the ratio of B_c^+ branching fractions to J/ψ and J/ψ final states. <i>Physical Review D</i> , 2014 , 90,	4.9	23
242	Study of time-dependent CP-violating asymmetries in $b \rightarrow s q \bar{q}$ decays. <i>Physical Review D</i> , 2003 , 67,	4.9	23
241	Charmless hadronic two-body B meson decays. <i>Physical Review D</i> , 2002 , 66,	4.9	23

240	Measurement of the CKM angle Γ from a combination of LHCb results. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	23
239	Search for the lepton flavour violating decay $B \rightarrow \mu \tau \mu$. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	22
238	Search for Violations of Lorentz Invariance and CPT Symmetry in $B_{(s)}$ Mixing. <i>Physical Review Letters</i> , 2016 , 116, 241601	7.4	22
237	Observation of the Decays $B^0 \rightarrow \bar{c}1 p K^+$ and $B^0 \rightarrow \bar{c}2 p K^+$. <i>Physical Review Letters</i> , 2017 , 119, 062001	7.4	22
236	Measurement of CP Violation in $B^0 \rightarrow J/\psi S^0$ Decays. <i>Physical Review Letters</i> , 2015 , 115, 031601	7.4	22
235	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> , 2015 , 2015, 1	5.4	22
234	Measurement of the $B^0 \bar{B}^0$ and $B^0_s \bar{B}^0_s$ production asymmetries in pp collisions at $\sqrt{s}=7\text{TeV}$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 739, 218-228	4.2	22
233	Search for the $B^0 \rightarrow \mu^+ \mu^-$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2006 , 632, 173-180	4.2	22
232	Observation of $B^0 \rightarrow D^0 K^0$ and $B^0 \rightarrow D^0 K^{*0}$ decays. <i>Physical Review Letters</i> , 2003 , 90, 141802	7.4	22
231	Search for lepton flavor violating decays $B \rightarrow \mu \tau \mu$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2005 , 622, 218-228	4.2	22
230	Observation of $B^0 \rightarrow D^* s J(2317) + K^-$ decay. <i>Physical Review Letters</i> , 2005 , 94, 061802	7.4	22
229	Publisher's Note: Improved measurement of CP-violation parameters $\sin 2\beta_1$ and $ \Delta\Gamma $ B meson lifetimes, and $B^0 \bar{B}^0$ mixing parameter $\Delta\Gamma$ [Phys. Rev. D 71, 072003 (2005)]. <i>Physical Review D</i> , 2005 , 71,	4.9	22
228	Forward production of Υ mesons in pp collisions at ($\sqrt{s}=7$) and 8 TeV. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	21
227	Observation of $B^0 \rightarrow J/\psi \pi^0$ and searches for $B^0 \rightarrow J/\psi \rho^0$ and $B^0 \rightarrow J/\psi \eta$ decays. <i>Physical Review D</i> , 2005 , 72,	4.9	21
226	Observation of $B^+ \rightarrow \text{plambdagamma}$. <i>Physical Review Letters</i> , 2005 , 95, 061802	7.4	21
225	Improved evidence for direct CP violation in $B^0 \rightarrow \pi^+ \pi^-$ decays and model-independent constraints on ϕ_2 . <i>Physical Review Letters</i> , 2005 , 95, 101801	7.4	21
224	Search for beautiful tetraquarks in the $\Upsilon(1S)$ invariant-mass spectrum. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	21
223	Study of J/ψ Production in Jets. <i>Physical Review Letters</i> , 2017 , 118, 192001	7.4	20

222	Angular analysis of the $B^0 \rightarrow K^{*0} e^+ e^-$ decay in the low- q^2 region. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	20
221	Observation of $D_s(2536)^+ \rightarrow D^+ \bar{K}^0$ and angular decomposition of $D_s(2536)^+ \rightarrow D^{*+} K_S^0$. <i>Physical Review D</i> , 2008 , 77,	4.9	20
220	Search for $D^0\bar{D}^0$ mixing using semileptonic decays at Belle. <i>Physical Review D</i> , 2005 , 72,	4.9	20
219	Observation of the $D(2420)^- \rightarrow D^0 \pi^-$ decays. <i>Physical Review Letters</i> , 2005 , 94, 221805	7.4	20
218	Measurement of the CKM angle β using $B^+ \rightarrow DK^+$ with $D \rightarrow K^0 S^{\pm} \bar{K}^0 S^{\mp} K^{\pm}$ decays. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	19
217	Evidence for CP violation in $B^0 \rightarrow D^+ D^-$ decays. <i>Physical Review Letters</i> , 2007 , 98, 221802	7.4	19
216	Observation of the Annihilation Decay Mode $B^0 \rightarrow K^+ K^-$. <i>Physical Review Letters</i> , 2017 , 118, 081801	7.4	18
215	Measurement of the CP Asymmetry in B_{mix}^0 Mixing. <i>Physical Review Letters</i> , 2016 , 117, 061803	7.4	18
214	Improved search for $D^0\bar{D}^0$ mixing using semileptonic decays at Belle. <i>Physical Review D</i> , 2008 , 77,	4.9	18
213	Study of charmonia in four-meson final states produced in two-photon collisions. <i>European Physical Journal C</i> , 2008 , 53, 1-14	4.2	18
212	Measurement of χ^2 production in two-photon collisions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2002 , 540, 33-42	4.2	18
211	Observation of the decay $B_s^0 \rightarrow \eta \eta'$ and evidence for $B^0 \rightarrow \eta \eta'$. <i>Physical Review D</i> , 2017 , 95,	4.9	17
210	Study of W boson production in association with beauty and charm. <i>Physical Review D</i> , 2015 , 92,	4.9	17
209	Measurement of forward $Z \rightarrow e^+ e^-$ production at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	17
208	Measurement of the CP-violating phase γ in $B_s(0) \rightarrow D_s(+)\bar{D}_s(-)$ decays. <i>Physical Review Letters</i> , 2014 , 113, 211801	7.4	17
207	Measurement of the $\Upsilon(3P)$ mass and of the relative rate of $\Upsilon(1P)$ and $\Upsilon(2P)$ production. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	17
206	Measurement of $B^0 \rightarrow J/\psi \eta$ and constraint on the η mixing angle. <i>Physical Review D</i> , 2012 , 85,	4.9	17
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204	Observation of Λ_c^+ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2005 , 610, 23-30	4.2	17
203	Branching fraction, polarization and CP-violating asymmetries in Λ_c^+ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2005 , 618, 34-42	4.2	17
202	Measurement of time-dependent CP-violating asymmetries in $B^0 \rightarrow K^0 K^0 K^0$ decay. <i>Physical Review Letters</i> , 2005 , 95, 061801	7.4	17
201	Study of CP-violating asymmetries in $B^0 \rightarrow \pi^+ \pi^-$ decays. <i>Physical Review Letters</i> , 2002 , 89, 071801	7.4	17
200	Observations of $\Lambda_c^+ \rightarrow \bar{K}^0 \Lambda$ and $\Lambda_c^+ \rightarrow \bar{K}^0 K^0 \Lambda$ decays and searches for other Λ_c^+ and Λ_c^0 decays to $\bar{K}^0 + h^0$ final states. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	17
199	Study of B_c^+ decays to the $K^+ K^0$ final state and evidence for the decay $B_c^+ \rightarrow \bar{D}^0 \Lambda_c^+$. <i>Physical Review D</i> , 2016 , 94,	4.9	17
198	Angular moments of the decay $\Lambda_c^+ \rightarrow \bar{K}^0 \Lambda$ at low hadronic recoil. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	17
197	First Experimental Study of Photon Polarization in Radiative $B_{\{s\}}^0$ Decays. <i>Physical Review Letters</i> , 2017 , 118, 021801	7.4	16
196	Search for CP violation in $D^0 \rightarrow \bar{K}^0 \pi^0$ decays with the energy test. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015 , 740, 158-167	4.2	16
195	First Observation of D^0 - \bar{D}^0 Oscillations in $D^0 \rightarrow K^+ \pi^- \pi^+ \pi^-$ Decays and Measurement of the Associated Coherence Parameters. <i>Physical Review Letters</i> , 2016 , 116, 241801	7.4	16
194	Observation of $\chi(2S) \rightarrow p\bar{p}$ and search for $X(3872) \rightarrow p\bar{p}$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017 , 769, 305-313	4.2	16
193	Measurements of prompt charm production cross-sections in pp collisions at $\sqrt{s} = 5$ TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017,	5.4	16
192	First observation of top quark production in the forward region. <i>Physical Review Letters</i> , 2015 , 115, 112001	7.4	16
191	Amplitude analysis of $B^0 \rightarrow D^0 K^+ \pi^-$ decays. <i>Physical Review D</i> , 2015 , 92,	4.9	16
190	Search for CP violation using T-odd correlations in $D^0 \rightarrow K^+ K^0 \pi^-$ decays. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	16
189	Measurement of y_{CP} in D^0 meson decays to the $K^0 K^+ K^-$ final state. <i>Physical Review D</i> , 2009 , 80,	4.9	16
188	Measurements of branching fractions and CP asymmetries in $B \rightarrow \bar{B}$ decays. <i>Physical Review D</i> , 2005 , 71,	4.9	16
187	Search for Higgs-like bosons decaying into long-lived exotic particles. <i>European Physical Journal C</i> , 2016 , 76, 664	4.2	16

186	Measurement of CP observables in $B^{\pm} \rightarrow DK^{\pm}$ and $B^{\pm} \rightarrow D\pi^{\pm}$ with two- and four-body D decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 760, 117-131	4.2	16
185	Search for the lepton-flavour violating decays $B^0(s) \rightarrow e^{\pm}\mu^{\mp}$. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	15
184	Observation of Z production in proton-lead collisions at LHCb. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	15
183	Observation of the $B \rightarrow J/\psi K$ decay. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017 , 772, 265-273	4.2	15
182	Bflavour tagging using charm decays at the LHCb experiment. <i>Journal of Instrumentation</i> , 2015 , 10, P10005-P10005	5.4	15
181	Measurement of CP asymmetries in the decays $B^0 \rightarrow K^*0 \pi^{\pm}$ and $B^+ \rightarrow K^+ \pi^{\pm}$. <i>Journal of High Energy Physics</i> , 2014 , 2014,	5.4	15
180	First measurement of the charge asymmetry in beauty-quark pair production. <i>Physical Review Letters</i> , 2014 , 113, 082003	7.4	15
179	Improved measurements of the partial rate asymmetry in $B \rightarrow hh$ decays. <i>Physical Review D</i> , 2005 , 71,	4.9	15
178	Observation of $\Lambda_b \rightarrow (\Sigma^0 p) K$ and $\Lambda_b \rightarrow J/\psi \Lambda K$ decays and a measurement of the Λ_b baryon mass. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	15
177	Measurement of the properties of the Λ_b^0 baryon. <i>Journal of High Energy Physics</i> , 2016 , 2016,	5.4	15
176	Evidence for the decay $(B^0_S \rightarrow \overline{K}^0 \mu^+ \mu^-)$. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	15
175	Precise measurements of the properties of the $B(5721)^0$ and $B^*(5747)^0$ states and observation of B^0 mass structures. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	14
174	Measurement of indirect CP asymmetries in $D^0 \rightarrow K\bar{K}^+$ and $D^0 \rightarrow \pi\pi$ decays using semileptonic B decays. <i>Journal of High Energy Physics</i> , 2015 , 2015,	5.4	14
173	Observation of D^0 Meson Decays to $\pi^+ \pi^- \pi^+ \pi^-$ and $K^+ K^- \pi^+ \pi^-$ Final States. <i>Physical Review Letters</i> , 2017 , 119, 181805	7.4	14
172	Evidence for the Strangeness-Changing Weak Decay $\Lambda_b^0 \rightarrow \Lambda^0 \pi^-$. <i>Physical Review Letters</i> , 2015 , 115, 241801	7.4	14
171	Evidence for CP violation in $B^+ \rightarrow \pi^+ \rho^0$ decays. <i>Physical Review Letters</i> , 2014 , 113, 141801	7.4	14
170	Measurement of the forward W boson cross-section in pp collisions at ($\sqrt{s}=7$) TeV. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	14
169	Observation of $B^+ \rightarrow \pi^0 \pi^+$ and evidence for $B^0 \rightarrow \pi^+ \pi^-$. <i>Physical Review D</i> , 2006 , 74,	4.9	14

168	Measurement of CP-violating parameters in $B \rightarrow \bar{K}K$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2002 , 546, 196-205	4.2	14
167	Search for the lepton-flavour violating decay $D^0 \rightarrow e^+ \mu^-$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 754, 167-175	4.2	14
166	Study of the rare B_s^0 and B^0 decays into the $\mu\mu$ final state. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015 , 743, 46-55	4.2	13
165	Search for excited $B + c$ states. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	13
164	Studies of the resonance structure in $D^0 \rightarrow KS^0 K^{\pm}$ decays. <i>Physical Review D</i> , 2016 , 93,	4.9	13
163	Observation of $B_{c^+} \rightarrow D^0 K^+$ Decays. <i>Physical Review Letters</i> , 2017 , 118, 111803	7.4	13
162	Resonances and CP violation in B^0 and $(\overline{B})_s^0 \rightarrow J/\psi \{K^+ \{K^-\}$ decays in the mass region above the $\psi(1020)$. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	13
161	Study of CP violation in $B^0 \rightarrow Dh^0$ ($h=K, \pi$) with the modes $D \rightarrow K^0 \pi^0$, $D \rightarrow \pi^0 \pi^0$ and $D \rightarrow K^+ K^-$. <i>Physical Review D</i> , 2015 , 91,	4.9	13
160	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> , 2015 , 2015, 1	5.4	13
159	Measurement of CP violation and constraints on the CKM angle $\sin 2\beta'$ with $D \rightarrow KS^0 \pi^0$ decays. <i>Nuclear Physics B</i> , 2014 , 888, 169-193	2.8	13
158	Measurement of CP violation in $B_s^0 \rightarrow \pi\pi$ decays. <i>Physical Review D</i> , 2014 , 90,	4.9	13
157	Search for lepton and baryon number violating ΔB decays into $\mu\mu$ and $\mu\pi$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2006 , 632, 51-57	4.2	13
156	Search for CP violation in the decay $B^0 \rightarrow D^{*+} D^-$. <i>Physical Review Letters</i> , 2004 , 93, 201802	7.4	13
155	Search for D^0 - \bar{D}^0 mixing in $D^0 \rightarrow K^+ \pi^-$ decays and measurement of the doubly-Cabibbo-suppressed decay rate. <i>Physical Review Letters</i> , 2005 , 94, 071801	7.4	13
154	Measurement of the forward Z boson production cross-section in pp collisions at $(\sqrt{s}) = 13$ TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	13
153	First study of the CP-violating phase and decay-width difference in $B_s^0 \rightarrow \tau\tau$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 762, 253-262	4.2	13
152	Central exclusive production of J/ψ and $\tau\tau$ mesons in pp collisions at $s = 13$ TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018,	5.4	13
151	Measurement of CP asymmetries in two-body $B(s)^0$ -meson decays to charged pions and kaons. <i>Physical Review D</i> , 2018 , 98,	4.9	13

150	Measurement of CP violation parameters and polarisation fractions in ($\mathbf{B}_{\mathbf{s}}^0 \rightarrow \mathbf{J}/\psi \overline{\mathbf{K}}^0$) decays. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	12
149	Observation of the decay $\mathbf{B}_s^0 \rightarrow \mathbf{D}_s^+ \mathbf{K}^-$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015 , 747, 484-494	4.2	12
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147	Search for charged Higgs bosons in $\mathbf{e}^+\mathbf{e}^-$ collisions at $\sqrt{s}=189.02$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2002 , 525, 17-28	4.2	12
146	Measurement of the inclusive semileptonic branching fraction of B mesons and $ \mathbf{V}_{cb} $. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2002 , 547, 181-192	4.2	12
145	Measurement of the $\mathbf{B}(0)-\mathbf{B}(0)$ mixing parameter $\Delta\mathbf{m}(d)$ using semileptonic \mathbf{B}_0 decays. <i>Physical Review Letters</i> , 2002 , 89, 251803	7.4	12
144	Observation of the $\mathbf{B}_0 \rightarrow \mathbf{D}$ decay. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 759, 282-292	4.2	12
143	Measurement of the inelastic \mathbf{pp} cross-section at a centre-of-mass energy of 13 TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	12
142	Measurement of the Λ_c^0 Baryon Lifetime. <i>Physical Review Letters</i> , 2018 , 121, 092003	7.4	12
141	Measurement of CP asymmetry in $\mathbf{D}_0 \rightarrow \mathbf{K}\mathbf{K}^+$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017 , 767, 177-187	4.2	11
140	Differential branching fraction and angular moments analysis of the decay $\mathbf{B}_0 \rightarrow \mathbf{K}^+ \mathbf{K}^{*0}$ in the $\mathbf{K}^*0(1430)$ region. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	11
139	Model-independent measurement of mixing parameters in $\mathbf{D}_0 \rightarrow \mathbf{K}^+ \mathbf{K}^- \mathbf{D}_0$ decays. <i>Journal of High Energy Physics</i> , 2016 , 2016,	5.4	11
138	Measurement of the CP Violation Parameter A_{CP} in $\mathbf{D}^0 \rightarrow \mathbf{K}^+ \mathbf{K}^-$ and $\mathbf{D}^0 \rightarrow \mathbf{K}^+ \mathbf{K}^0$ Decays. <i>Physical Review Letters</i> , 2017 , 118, 261803	7.4	11
137	Measurement of the branching fraction ratio $\mathbf{B}(\mathbf{B}_{c^+} \rightarrow \mathbf{D}_s^+ \mathbf{D})/\mathbf{B}(\mathbf{B}_{c^+} \rightarrow \mathbf{J}/\psi)$. <i>Physical Review D</i> , 2015 , 92,	4.9	11
136	Measurement of the time-integrated CP asymmetry in $\mathbf{D}_0 \rightarrow \mathbf{K}^0 \mathbf{K}^0$ decays. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	11
135	Measurement of CP violation parameters in $\mathbf{B}_0 \rightarrow \mathbf{D}\mathbf{K}^0$ decays. <i>Physical Review D</i> , 2014 , 90,	4.9	11
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133	Measurement of the time-dependent CP-violating asymmetry in $\mathbf{B}(0) \rightarrow \mathbf{K}(0)\mathbf{S}\pi(0)\gamma$ decays. <i>Physical Review Letters</i> , 2005 , 94, 231601	7.4	11

132	Studies of the resonance structure in decays. <i>European Physical Journal C</i> , 2018 , 78, 443	4.2	11
131	Updated determination of $D^0\bar{D}^0$ mixing and CP violation parameters with $D^0 \rightarrow K^+\pi^-$ decays. <i>Physical Review D</i> , 2018 , 97,	4.9	11
130	Study of charmonium production in γ -hadron decays and first evidence for the decay. <i>European Physical Journal C</i> , 2017 , 77, 609	4.2	10
129	Measurement of CP observables in $B^{\pm} \rightarrow D^{(*)}K^{\mp}$ and $B^{\pm} \rightarrow D^{(*)}\pi^{\mp}$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018 , 777, 16-30	4.2	10
128	Study of χ_{c0} production and cold nuclear matter effects in pPb collisions at $(\sqrt{s_{NN}}=5)$ TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	10
127	First observation of the decay $D^0 \rightarrow K_S^0\pi^+\pi^-$ in the $\pi\pi$ -region of the dimuon mass spectrum. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 757, 558-567	4.2	10
126	Measurement of $B_{\{s\}^0}$ and $D_{\{s\}^{\pm}}$ Meson Lifetimes. <i>Physical Review Letters</i> , 2017 , 119, 101801	7.4	10
125	Observation of the suppressed decay $D^0 b \rightarrow \rho^+\pi^-\pi^+$. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	10
124	Measurement of B^0 , B_s^0 , B^+ and B^0 production asymmetries in 7 and 8 TeV proton-proton collisions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017 , 774, 139-158	4.2	10
123	First Observation of a Baryonic $B_{\{s\}^0}$ Decay. <i>Physical Review Letters</i> , 2017 , 119, 041802	7.4	10
122	Search for the decay $(B_{\{s\}^0} \rightarrow \overline{D}^0\{F\}_0(980))$. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	10
121	Measurement of the $B_{\{s\}^0}$ meson lifetime in Ds^+ decays. <i>Physical Review Letters</i> , 2014 , 113, 172001	7.4	10
120	Observation of charmonium pairs produced exclusively in pp collisions. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2014 , 41, 115002	2.9	10
119	Measurement of CP asymmetry in $B^0 \rightarrow D^+K^-$ decays. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	10
118	Improved measurements of color-suppressed decays $B^0 \rightarrow D^0\pi^0$, $D^0 \rightarrow D^0\pi^+\pi^-$, D^{*0} and D^{*0} . <i>Physical Review D</i> , 2006 , 74,	4.9	10
117	Study of the suppressed decays $B^- \rightarrow [K^+\pi^-](D)K^-$ and $B^- \rightarrow [K^+\pi^-]D\pi^-$. <i>Physical Review Letters</i> , 2005 , 94, 091601	7.4	10
116	Evidence for $B^0 \rightarrow D^+D^-$ and observation of $B^- \rightarrow D^0D^-$ and $B^- \rightarrow D^0D^{*-}$ decays. <i>Physical Review Letters</i> , 2005 , 95, 041803	7.4	10
115	A new algorithm for identifying the flavour of B^0 mesons at LHCb. <i>Journal of Instrumentation</i> , 2016 , 11, P05010-P05010	1	10

114	Search for B_c^+ decays to the $p\bar{p}$ final state. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 759, 313-321	4.2	10
113	Determination of Γ_{had} from charmless two-body decays of beauty mesons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015 , 741, 1-11	4.2	9
112	A measurement of the CP asymmetry difference between $\bar{B}^0 \rightarrow p\bar{K}^0$ and $p\bar{B}^0$ decays. <i>Journal of High Energy Physics</i> , 2018 , 2018,	5.4	9
111	Measurement of the time-dependent CP asymmetries in $B^0 \rightarrow J/\psi K^0$. <i>Journal of High Energy Physics</i> , 2015 , 2015,	5.4	9
110	Observation of the $B^0 \rightarrow \pi^0\pi^0$ decay from an amplitude analysis of $B^0 \rightarrow (\pi^+\pi^-\pi^0)$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015 , 747, 468-478	4.2	9
109	Search for CP violation in the decays $D^0 \rightarrow K^*(0)P^0$. <i>Physical Review Letters</i> , 2011 , 106, 211801	7.4	9
108	Observation of $D^+ \rightarrow K^+(\pi^0)$ and search for CP violation in $D^+ \rightarrow (\pi^+\pi^0)$ decays. <i>Physical Review Letters</i> , 2011 , 107, 221801	7.4	9
107	Search for the rare decay $\bar{B}^0 \rightarrow p\bar{p}$. <i>Physical Review D</i> , 2018 , 97,	4.9	9
106	Search for the suppressed decays $B^+ \rightarrow K^+K^+\pi^0$ and $B^+ \rightarrow \pi^+K^+\pi^0$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017 , 765, 307-316	4.2	8
105	Observation of $B_c^+ \rightarrow J/\psi D^{(*)}K^{(*)}$ decays. <i>Physical Review D</i> , 2017 , 95,	4.9	8
104	Measurements of charm mixing and CP violation using $D^0 \rightarrow K^-\pi^+$ decays. <i>Physical Review D</i> , 2017 , 95,	4.9	8
103	Study of π^0 mixing from measurement of $B^0 \rightarrow J/\psi \pi^0$ decay rates. <i>Journal of High Energy Physics</i> , 2015 , 2015,	5.4	8
102	Measurement of branching fractions of charmless four-body \bar{D}^0 and D^0 decays. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	8
101	Evidence for the Rare Decay $\bar{B}^0 \rightarrow p\bar{p}\pi^0$. <i>Physical Review Letters</i> , 2018 , 120, 221803	7.4	8
100	χ_{c1} and χ_{c2} Resonance Parameters with the Decays $\chi_{c1,c2} \rightarrow J/\psi \pi^+\pi^-$. <i>Physical Review Letters</i> , 2017 , 119, 221801	7.4	8
99	Measurement of the B_c^- production cross-section in pp collisions at $\sqrt{s} = 7$ and 13 TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017,	5.4	8
98	Measurement of the $B^0 \rightarrow \pi^+\pi^-$ branching fraction and search for the decay $B^0 \rightarrow \pi^+\pi^-\pi^0$. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	8
97	Search for long-lived heavy charged particles using a ring imaging Cherenkov technique at LHCb. <i>European Physical Journal C</i> , 2015 , 75, 595	4.2	8

96	Search for CP violation in $D^{\pm} \rightarrow K^0 S K^{\pm}$ and $D^{\pm} s \rightarrow K^0 S \bar{K}^{\pm}$ decays. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	8
95	Measurement of $B \rightarrow D_s^{(*)} K$ branching fractions. <i>Physical Review D</i> , 2009 , 80,	4.9	8
94	Observation of the decay $B^0 \rightarrow D_s + \bar{K}^0$. <i>Physical Review D</i> , 2007 , 76,	4.9	8
93	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> , 2002 , 23, 409-435	4.2	8
92	Search for technicolor with DELPHI. <i>European Physical Journal C</i> , 2001 , 22, 17-29	4.2	8
91	Measurement of forward W and Z boson production in association with jets in proton-proton collisions at $(\sqrt{s}=8)$ TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	8
90	Measurement of forward $W \rightarrow e\bar{\nu}$ production in pp collisions at $(\sqrt{s}=8)$ TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	8
89	Measurement of Angular and CP Asymmetries in $D^0 \rightarrow \bar{K}^+ \bar{K}^0 \bar{K}^+ \bar{K}^-$ and $D^0 \rightarrow K^+ K^- \bar{K}^+ \bar{K}^-$ Decays. <i>Physical Review Letters</i> , 2018 , 121, 091801	7.4	8
88	Measurements of the branching fractions of $\bar{K}^+ \rightarrow p\bar{K}^0$, $\bar{K}^+ \rightarrow p\bar{K}^+$, and $\bar{K}^+ \rightarrow p\bar{K}^+$. <i>Journal of High Energy Physics</i> , 2018 , 2018,	5.4	8
87	Search for the CP-violating strong decays $B \rightarrow \bar{K}^0 \bar{K}^0$ and $\bar{K}^0(958) \rightarrow \bar{K}^0 \bar{K}^0$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017 , 764, 233-240	4.2	7
86	Observation of the Decay $\bar{K}^0 \rightarrow p\bar{K}^+ K^-$. <i>Physical Review Letters</i> , 2017 , 118, 071801	7.4	7
85	Improved limit on the branching fraction of the rare decay. <i>European Physical Journal C</i> , 2017 , 77, 678	4.2	7
84	Measurement of the Z+b-jet cross-section in pp collisions at $(\sqrt{s}) = 7$ TeV in the forward region. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	7
83	Study of $D^{(*)} + sJ$ mesons decaying to $D^* + K^0 S$ and $D^0 K^+ +$ final states. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	7
82	Observation of the $B^0 s \rightarrow J/\psi \bar{K}^0$ decay. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	7
81	Observation of the decay $B^0 \rightarrow \bar{K}^0 pp$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018 , 784, 101-111	4.2	7
80	Search for CP violation in the phase space of $D^0 \rightarrow \bar{K}^0 \bar{K}^0$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017 , 769, 345-356	4.2	7
79	Search for decays of neutral beauty mesons into four muons. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	7

78	Search for the rare decays $B_0 \rightarrow J/\psi$ and $B_{s0} \rightarrow J/\psi$ <i>Physical Review D</i> , 2015 , 92,	4.9	7
77	Observation of the $B(s)(0) \rightarrow \mu\mu$ Decay. <i>Physical Review Letters</i> , 2015 , 115, 051801	7.4	7
76	First observations of the rare decays $B^+ \rightarrow K^+ \mu^+ \mu^-$ and $B^+ \rightarrow K^+ \tau^+ \tau^-$ <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	7
75	Observation of the doubly cabibbo-suppressed decay $D_{s1}^+ \rightarrow K_s^+ K^+ \pi^-$. <i>Physical Review Letters</i> , 2009 , 102, 221802	7.4	7
74	Measurement of the branching fraction and charge asymmetry of the decay $B^+ \rightarrow D^+ D^0$ and search for $B_0 \rightarrow D^0 D^0$. <i>Physical Review D</i> , 2008 , 77,	4.9	7
73	Search for resonant $B^+ \rightarrow K^+ h \rightarrow K^+ \mu^+ \mu^-$ decays at Belle. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2008 , 662, 323-329	4.2	7
72	Search for a dimuon resonance in the η' mass region. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	7
71	Amplitude Analysis of the Decay $B^0 \rightarrow K_S^0 \mu^+ \mu^-$ and First Observation of the CP Asymmetry in $B^0 \rightarrow K^{*0} \mu^+ \mu^-$. <i>Physical Review Letters</i> , 2018 , 120, 261801	7.4	7
70	Measurement of the B^+ production asymmetry and the CP asymmetry in $B^+ \rightarrow J/\psi K^+$ decays. <i>Physical Review D</i> , 2017 , 95,	4.9	6
69	First measurement of the CP-violating phase ($\phi_s^{\text{doverline{d}}}$) in $B^0 \rightarrow (K^+ \pi^-)$ decays. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	6
68	Measurement of the mass and lifetime of the Λ_b baryon. <i>Physical Review D</i> , 2016 , 93,	4.9	6
67	Constraints on the unitarity triangle angle Γ from Dalitz plot analysis of $B_0 \rightarrow DK^+ \pi^-$ decays. <i>Physical Review D</i> , 2016 , 93,	4.9	6
66	Measurement of CP asymmetries in $D^+ \rightarrow \pi^+ \pi^0$ and $D_s^+ \rightarrow \pi^+ \pi^0$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017 , 771, 21-30	4.2	6
65	Observation of the decay $B^0 \rightarrow \tau^+ \tau^-$ and evidence for $B^0 \rightarrow \tau^+ \tau^- \mu^+ \mu^-$ <i>Journal of High Energy Physics</i> , 2017 , 2017,	5.4	6
64	Measurement of the $Y(nS)$ polarizations in pp collisions at ($\sqrt{s}=7$) and 8 TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	6
63	Measurement of CP asymmetries and polarisation fractions in ($B^0 \rightarrow \overline{K}^{*0} K^0$) decays. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	6
62	Search for the $\Lambda_b \rightarrow \tau$ and $\Lambda_b \rightarrow \mu$ decays with the LHCb detector. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	6
61	Observation of $B_{s1}^0 \rightarrow \{K^+ \pi^-\} \{K^+ \pi^-\}$ and evidence for $B_{s1}^0 \rightarrow \{K^+ \pi^-\} \{\pi^+ \pi^-\}$ decays. <i>New Journal of Physics</i> , 2014 , 16, 123001	2.9	6

60	Observation of $B^0 \rightarrow D^0 \pi^0$ and $B^0 \rightarrow D^{*0} \pi^0$. <i>Physical Review D</i> , 2005 , 72,	4.9	6
59	Measurements of B decays to two kaons. <i>Physical Review Letters</i> , 2005 , 95, 231802	7.4	6
58	A precise measurement of the [Formula: see text] meson oscillation frequency. <i>European Physical Journal C</i> , 2016 , 76, 412	4.2	6
57	Measurement of the CKM angle β using $B^0 \rightarrow DK^{*0}$ with $D \rightarrow K^0 S^0 \pi^{\pm}$ decays. <i>Journal of High Energy Physics</i> , 2016 , 2016,	5.4	6
56	Measurement of CP Violation in $B^0 \rightarrow D^+ D^-$ Decays. <i>Physical Review Letters</i> , 2016 , 117, 261801	7.4	6
55	Model-independent measurement of the CKM angle β using $B^0 \rightarrow DK^{*0}$ decays with $D \rightarrow K^0 S^0 \pi^{\pm}$ and $K^0 S^0 K^+ K^-$. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	6
54	Observation of the decay $B_s^0 \rightarrow D^0 K^+ K^-$. <i>Physical Review D</i> , 2018 , 98,	4.9	6
53	Measurement of χ production in pp collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	6
52	First observation of $B^+ \rightarrow D^+ s^+ K^+ K^-$ decays and a search for $B^+ \rightarrow D^+ s^+ \chi$ decays. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	6
51	Observation of charmless baryonic decays $B(s)^0 \rightarrow pp \pi^+ \pi^-$. <i>Physical Review D</i> , 2017 , 96,	4.9	5
50	Observation of $B_{(s)}^0 \rightarrow D^0 \overline{K}^0 K_{(S)}^0$ and Evidence for $B_{(s)}^0 \rightarrow D^0 \overline{K}^0 K_{(S)}^0$ Decays. <i>Physical Review Letters</i> , 2016 , 116, 161802	7.4	5
49	Observation of the $B^0 \rightarrow J/\psi K^0 K^{\pm}$ decay. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	5
48	Observation of the decay $B^0 \rightarrow p K^+ \pi^-$ and a search for CP violation. <i>Journal of High Energy Physics</i> , 2017 , 2017,	5.4	5
47	Study of $(\overline{\mathcal{B}}^{\mathcal{B}})$ correlations in high energy proton-proton collisions. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	5
46	Determination of the branching fractions of $B^0 \rightarrow D^+ S^- K^+$ and $B^0 \rightarrow D^0 K^+ K^-$. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	5
45	Observation of $B^0 \rightarrow D^{*+} \pi^-$, $B^+ \rightarrow D^{*+} \pi^0$ and $B^+ \rightarrow D^0 \pi^+$. <i>Physical Review D</i> , 2004 , 70,	4.9	5
44	Measurement of masses and branching ratios of χ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2005 , 605, 237-246	4.2	5
43	Measurement of the ratio of branching fractions $(\overline{\mathcal{B}}^{\mathcal{B}})$. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	5

42	Observation of $B_s^0 \rightarrow D^* \pi^0$ and search for $B^0 \rightarrow D^0 \pi^0$ decays. <i>Physical Review D</i> , 2018 , 98,	4.9	5
41	Observation of the decay $\bar{D}^0_b \rightarrow (\pi^+ \pi^-) p$. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	5
40	Search for weakly decaying b-flavored pentaquarks. <i>Physical Review D</i> , 2018 , 97,	4.9	5
39	Measurement of forward $t\bar{t}$, $W+bb$ and $W+cc$ production in pp collisions at $\sqrt{s}=8$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017 , 767, 110-120	4.2	4
38	Observation of [Formula: see text] and [Formula: see text] decays. <i>European Physical Journal C</i> , 2017 , 77, 72	4.2	4
37	Measurement of CP asymmetry in $B^0 \rightarrow D^+ K^-$ decays. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	4
36	Search for B_c^+ decays to two charm mesons. <i>Nuclear Physics B</i> , 2018 , 930, 563-582	2.8	4
35	New algorithms for identifying the flavour of [Formula: see text] mesons using pions and protons. <i>European Physical Journal C</i> , 2017 , 77, 238	4.2	4
34	Evidence for the two-body charmless baryonic decay ($\{B\}^+ \rightarrow \overline{\Lambda}^0$). <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	4
33	First Observation of the Rare Purely Baryonic Decay $B^+ \rightarrow pp$. <i>Physical Review Letters</i> , 2017 , 119, 232001	7.4	4
32	Measurement of CP observables in $B^+ \rightarrow DK^{*+}$ decays using two- and four-body D final states. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	4
31	Updated branching fraction measurements of $B^0 \rightarrow K^+ K^- \pi^+ \pi^-$ decays. <i>Journal of High Energy Physics</i> , 2017 , 2017,	5.4	4
30	Study of $B^0 \rightarrow DK^+ K^-$ and $B^0 \rightarrow D^+ K^-$ decays and determination of the CKM angle α . <i>Physical Review D</i> , 2015 , 92,	4.9	4
29	First observation and measurement of the branching fraction for the decay $B^0 \rightarrow D^+ K^-$. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	4
28	Measurement of the wrong-sign decay $D^0 \rightarrow K^+ \pi^-$. <i>Physical Review D</i> , 2013 , 88,	4.9	4
27	Evidence of time-dependent CP violation in the decay $B^0 \rightarrow D^+ D^{*-}$. <i>Physical Review D</i> , 2009 , 80,	4.9	4
26	Time-dependent CP violation effects in partially reconstructed $B^0 \rightarrow D^+ \pi^-$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2005 , 624, 11-21	4.2	4
25	Search for $B^0 \rightarrow J/\psi D^0$ and $B^+ \rightarrow J/\psi D^+$ decays. <i>Physical Review D</i> , 2005 , 71,	4.9	4

24	Measurement of the $B_s^0 \rightarrow J/\psi$ lifetime. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 762, 484-492	4.2	4
23	Measurement of forward top pair production in the dilepton channel in pp collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	4
22	Measurement of $D^+ s$ production asymmetry in pp collisions at ($\sqrt{s}=7$) and 8 TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	4
21	First observation of the rare $B^+ \rightarrow D^+ K^+ \pi^0$ decay. <i>Physical Review D</i> , 2016 , 93,	4.9	3
20	Measurement of the $B_s^0 \rightarrow D_s^*(*) + D_s^*(*)$ branching fractions. <i>Physical Review D</i> , 2016 , 93,	4.9	3
19	First observation of the decay $B^0 \rightarrow K^0 S^*(892)^0$ at LHCb. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	3
18	Bose-Einstein correlations of same-sign charged pions in the forward region in pp collisions at ($\sqrt{s}=7$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	3
17	Measurement of branching fraction and direct CP asymmetry in $B^0 \rightarrow \pi^0 \pi^0$ decays. <i>Physical Review D</i> , 2006 , 73,	4.9	3
16	Spectra of prompt electrons from decays of B^+ and B^0 mesons and ratio of inclusive semielectronic branching fractions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2005 , 614, 27-36	4.2	3
15	On model-independent searches for direct CP violation in multi-body decays. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2017 , 44, 085001	2.9	2
14	Observation of the $B^+ \rightarrow D^* K^+ \pi^0$ decay. <i>Physical Review D</i> , 2017 , 96,	4.9	2
13	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> , 2017 , 2017,	5.4	2
12	First observation of Cabibbo-suppressed B^0 decays. <i>Physical Review D</i> , 2013 , 88,	4.9	2
11	Search for the $b \rightarrow d$ process. <i>Physical Review D</i> , 2005 , 72,	4.9	2
10	Rapidity-alignment and p_T compensation of particle pairs in hadronic Z^0 decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2002 , 533, 243-252	4.2	2
9	Measurement of $Z \rightarrow \tau^+ \tau^-$ production in proton-proton collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	2
8	Measurement of CP violation in $B^0 \rightarrow D^* \pi$ decays. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	2
7	First observation of forward $Z \rightarrow b\bar{b}$ production in pp collisions at $s=8$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018 , 776, 430-439	4.2	1

6	Search for the $B^0_s \rightarrow \mu^+ \mu^-$ decay. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	1
5	Search for Baryon-Number Violating $\Delta B = 1$ Oscillations. <i>Physical Review Letters</i> , 2017 , 119, 181807	7.4	1
4	Observation of $B^0 \rightarrow \mu^+ \mu^-$ and search for direct CP violation. <i>Physical Review D</i> , 2008 , 78,	4.9	1
3	Measurement of the CP asymmetry in $B^0 \rightarrow D^+ D^-$ and $B^0 \rightarrow D^0 D^0$ decays. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	1
2	Observation of the decay $(\overline{B}^0 \rightarrow \chi_{c2}^+ K^+ K^-)$ in the ψ mass region. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	0
1	Search for matter-antimatter asymmetries in multi-body decays with GPUs. <i>Journal of Physics: Conference Series</i> , 2015 , 664, 072010	0.3	