

# Marco Gersabeck

## 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.

367  
papers

10,329  
citations

49  
h-index

85  
g-index

385  
ext. papers

12,512  
ext. citations

5.3  
avg, IF

3.09  
L-index

#	Paper	IF	Citations
367	Measurement of prompt charged-particle production in pp collisions at $\sqrt{s} = 13$ TeV. <i>Journal of High Energy Physics</i> , <b>2022</b> , 2022, 1	5.4	2
366	Study of $\{B\}_{c}^{+}$ decays to charmonia and three light hadrons. <i>Journal of High Energy Physics</i> , <b>2022</b> , 2022, 1	5.4	
365	Search for the radiative $\{X\}_{b}^{-}$ decay. <i>Journal of High Energy Physics</i> , <b>2022</b> , 2022, 1	5.4	0
364	Measurement of the W boson mass. <i>Journal of High Energy Physics</i> , <b>2022</b> , 2022, 1	5.4	0
363	Measurement of $\Xi(3872)$ production in proton-proton collisions at $\sqrt{s} = 8$ and 13 TeV. <i>Journal of High Energy Physics</i> , <b>2022</b> , 2022, 1	5.4	0
362	Observation of $\{\Lambda\}_{b}^{0}$ and $\{\Lambda\}_{b}^{0}$ decays. <i>Journal of High Energy Physics</i> , <b>2022</b> , 2022, 1	5.4	
361	Searches for rare $\{B\}_{s}^{0}$ and $B^0$ decays into four muons. <i>Journal of High Energy Physics</i> , <b>2022</b> , 2022, 1	5.4	0
360	Study of charmonium and charmonium-like contributions in $B^+ \rightarrow J/\psi K^+$ decays. <i>Journal of High Energy Physics</i> , <b>2022</b> , 2022, 1	5.4	0
359	Search for the decay $B^0 \rightarrow \mu^+ \mu^-$ . <i>Journal of High Energy Physics</i> , <b>2022</b> , 2022, 1	5.4	0
358	Angular analysis of the rare decay $(\{B\}_{s}^{0}) \rightarrow \mu^+ \mu^-$ . <i>Journal of High Energy Physics</i> , <b>2021</b> , 2021, 1	5.4	1
357	First measurement of the (CP)-violating phase in $(\{B\}_{s}^{0} \rightarrow \{J/\psi\} (e^+ e^-))(\phi)$ decays. <i>European Physical Journal C</i> , <b>2021</b> , 81, 1	4.2	0
356	Measurement of $J/\psi$ production cross-sections in pp collisions at $(\sqrt{s}) = 5$ TeV. <i>Journal of High Energy Physics</i> , <b>2021</b> , 2021, 1	5.4	1
355	Observation of a $(\{\varLambda\}_{b}^{0})$ production asymmetry in proton-proton collisions at $(\sqrt{s}) = 7$ and 8 TeV. <i>Journal of High Energy Physics</i> , <b>2021</b> , 2021, 1	5.4	0
354	Measurement of the CKM angle $\alpha$ and $(\{B\}_{s}^{0} \rightarrow \{\overline{B}\}_{s}^{0})$ mixing frequency with $(\{B\}_{s}^{0} \rightarrow \{D\}_{s}^{\pm} \{h\}^{\pm} \{\pi\}^{\pm} \{\pi\}^{\mp})$ decays. <i>Journal of High Energy Physics</i> , <b>2021</b> , 2021, 1	5.4	0
353	Observation of the $(\{B\}_{s}^{0}) \rightarrow \mu^+ \mu^-$ decay. <i>Journal of High Energy Physics</i> , <b>2021</b> , 2021, 1	5.4	2
352	Search for heavy neutral leptons in $(W^+ \rightarrow \mu^+ \mu^{\pm}, \text{jet})$ decays. <i>European Physical Journal C</i> , <b>2021</b> , 81, 1	4.2	3
351	Averages of b-hadron, c-hadron, and $(\tau)$ -lepton properties as of 2018. <i>European Physical Journal C</i> , <b>2021</b> , 81, 1	4.2	68

350	Observation of CP violation in two-body ( $B_{(s)}$ )-meson decays to charged pions and kaons. <i>Journal of High Energy Physics</i> , <b>2021</b> , 2021, 1	5.4	1
349	Measurement of CP observables in $B_{(s)} \rightarrow D^{(*)} K_{(s)}$ and $B_{(s)} \rightarrow D^{(*)} \pi$ decays using two-body D final states. <i>Journal of High Energy Physics</i> , <b>2021</b> , 2021, 1	5.4	2
348	Search for the rare decay $B \rightarrow F J/\psi^*$ . <i>Chinese Physics C</i> , <b>2021</b> , 45, 043001	2.2	1
347	Measurement of the branching fraction of the ( $B^0 \rightarrow D^+_{(s)} \pi^-$ ) decay. <i>European Physical Journal C</i> , <b>2021</b> , 81, 1	4.2	2
346	Observation of the decay ( $\Lambda_{\text{b}}^0 \rightarrow p \pi^-$ ). <i>Journal of High Energy Physics</i> , <b>2021</b> , 2021, 1	5.4	0
345	Searches for 25 rare and forbidden decays of $D^+$ and ( $D^+_{(s)}$ ) mesons. <i>Journal of High Energy Physics</i> , <b>2021</b> , 2021, 1	5.4	0
344	Angular analysis of ( $B^0 \rightarrow D^{\text{ast}-} D^{\text{ast}+}_{(s)}$ ) with ( $D^{\text{ast}+}_{(s)} \rightarrow D^{\text{ast}+}_{(s)} \gamma$ ) decays. <i>Journal of High Energy Physics</i> , <b>2021</b> , 2021, 1	5.4	
343	Search for CP violation in ( $D^+_{(s)} \rightarrow h^+ \pi^0$ ) and ( $D^+_{(s)} \rightarrow h^+ \eta$ ) decays. <i>Journal of High Energy Physics</i> , <b>2021</b> , 2021, 1	5.4	1
342	Study of ( $B_{(s)} \rightarrow F J/\psi + K_{(s)}$ ) decays. <i>Journal of High Energy Physics</i> , <b>2021</b> , 2021, 1	5.4	2
341	Measurement of differential ( $\overline{b}$ )- and ( $\overline{c}$ )-dijet cross-sections in the forward region of pp collisions at ( $\sqrt{s}$ ) = 13 TeV. <i>Journal of High Energy Physics</i> , <b>2021</b> , 2021, 1	5.4	1
340	Measurement of the CKM angle $\beta_n$ in $B_{(s)} \rightarrow D K_{(s)}$ and $B_{(s)} \rightarrow D \pi$ decays with $D \rightarrow (K^0_{(s)} \rightarrow h^+ h^-)$ . <i>Journal of High Energy Physics</i> , <b>2021</b> , 2021, 1	5.4	0
339	Search for long-lived particles decaying to ( $e^+ \mu^-$ ) ( $\mu^+ \mu^-$ ) ( $\nu$ ). <i>European Physical Journal C</i> , <b>2021</b> , 81, 1	4.2	3
338	Search for the doubly charmed baryon $\Xi_{cc}$ . <i>Science China: Physics, Mechanics and Astronomy</i> , <b>2021</b> , 64, 1	3.6	0
337	Simultaneous determination of CKM angle $\beta$ and charm mixing parameters. <i>Journal of High Energy Physics</i> , <b>2021</b> , 2021, 1	5.4	0
336	Search for the doubly charmed baryon $\Xi_{cc}^+$ in the $\Xi_{cc}^+ \pi^0 \pi^0$ final state. <i>Journal of High Energy Physics</i> , <b>2021</b> , 2021, 1	5.4	0
335	Updated search for $B^+_{(c)}$ decays to two charm mesons. <i>Journal of High Energy Physics</i> , <b>2021</b> , 2021, 1	5.4	
334	Test of lepton universality with ( $\Lambda_b^0 \rightarrow p K^{\text{el}-} \ell^+ \ell^-$ ) decays. <i>Journal of High Energy Physics</i> , <b>2020</b> , 2020, 1	5.4	12
333	Measurement of the ( $\Lambda_b^0$ )- $F J/\psi$ angular distribution and the ( $\Lambda_b^0$ ) polarisation in pp collisions. <i>Journal of High Energy Physics</i> , <b>2020</b> , 2020, 1	5.4	2

332	Measurement of CP observables in $B_{\text{d}}^0 \rightarrow \text{fDK}_{\text{d}}^0$ and $B_{\text{d}}^0 \rightarrow \text{fD}_{\text{d}}^0$ with $D \rightarrow (K_{\text{S}}^0 \pi^{\pm})$ decays. <i>Journal of High Energy Physics</i> , <b>2020</b> , 2020, 1	5.4	2
331	Precision measurement of the $(\chi_{\text{cc}}^{++})$ mass. <i>Journal of High Energy Physics</i> , <b>2020</b> , 2020, 1	5.4	11
330	Measurement of the $(\eta_{\text{c}}(1\text{S}))$ production cross-section in $(p-p)$ collisions at $(\sqrt{s} = 13)$ (TeV). <i>European Physical Journal C</i> , <b>2020</b> , 80, 1	4.2	9
329	Search for CP violation in $(\chi_{\text{c}}^+ \rightarrow p \bar{K}^+ \pi^+)$ decays using model-independent techniques. <i>European Physical Journal C</i> , <b>2020</b> , 80, 1	4.2	7
328	Observation of the semileptonic decay $B^+ \rightarrow p \bar{\nu}_{\mu} \mu^+$ . <i>Journal of High Energy Physics</i> , <b>2020</b> , 2020,	5.4	1
327	Measurement of CP violation in $B^0 \rightarrow \text{fD}^0$ decays. <i>Journal of High Energy Physics</i> , <b>2020</b> , 2020, 1	5.4	0
326	Measurement of the shape of the $(B_{\text{s}}^0 \rightarrow D_{\text{s}}^+ \mu^+ \nu_{\mu})$ differential decay rate. <i>Journal of High Energy Physics</i> , <b>2020</b> , 2020, 1	5.4	1
325	Search for the lepton flavour violating decay $B^+ \rightarrow \bar{K}^0 \mu^+$ using $(B_{\text{s}}^0)$ decays. <i>Journal of High Energy Physics</i> , <b>2020</b> , 2020, 1	5.4	8
324	Observation of a new baryon state in the $(\Lambda_{\text{b}}^0 \pi^+ \pi^-)$ mass spectrum. <i>Journal of High Energy Physics</i> , <b>2020</b> , 2020, 1	5.4	7
323	Searches for low-mass dimuon resonances. <i>Journal of High Energy Physics</i> , <b>2020</b> , 2020, 1	5.4	10
322	Search for the doubly heavy $(\chi_{\text{bc}}^0)$ baryon via decays to $D^0 p K^0$ . <i>Journal of High Energy Physics</i> , <b>2020</b> , 2020, 1	5.4	2
321	Strong constraints on the $b \rightarrow \text{f} \gamma$ photon polarisation from $B^0 \rightarrow \bar{K}^0 e^+ e^-$ decays. <i>Journal of High Energy Physics</i> , <b>2020</b> , 2020, 1	5.4	4
320	Search for the doubly charmed baryon $(\chi_{\text{cc}}^+)$ . <i>Science China: Physics, Mechanics and Astronomy</i> , <b>2020</b> , 63, 1	3.6	13
319	Precision measurement of the $(B_{\text{c}}^+)$ meson mass. <i>Journal of High Energy Physics</i> , <b>2020</b> , 2020, 1	5.4	1
318	Study of the $\chi(3823)$ and $\chi(3872)$ states in $B^+ \rightarrow \text{f}(J/\psi)K^+$ decays. <i>Journal of High Energy Physics</i> , <b>2020</b> , 2020, 1	5.4	15
317	Measurement of CP observables in the process $B^0 \rightarrow \text{fDK}^0$ with two- and four-body D decays. <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1	5.4	1
316	Search for the rare decay $(B^+ \rightarrow \mu^+ \mu^+ \mu^- \nu_{\mu})$ . <i>European Physical Journal C</i> , <b>2019</b> , 79, 1	4.2	8
315	Observation of the $(\Lambda_{\text{b}}^0 \rightarrow \chi_{\text{c}}(3872) p K^0)$ decay. <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1	5.4	5

314	Observation of the doubly Cabibbo-suppressed decay $B_c^- \rightarrow c^- \bar{p} \pi^0$ . <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1	5-4	2
313	Search for CP violation through an amplitude analysis of $D^0 \rightarrow K^+ K^- \pi^0$ decays. <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1	5-4	2
312	Study of the $B^0 \rightarrow \pi^+ \pi^- K^*(892)^0$ decay with an amplitude analysis of $B^0 \rightarrow \pi^+ \pi^- K^+$ decays. <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1	5-4	2
311	Measurement of the ratio of branching fractions of the decays $B^0 \rightarrow \pi^+ \pi^- S$ and $B^0 \rightarrow \pi^+ \pi^- \bar{S}$ . <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1	5-4	1
310	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
309	Amplitude analysis of $B^0 \rightarrow \pi^+ \pi^- K^+ K^-$ decays. <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1	5-4	5
308	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
307	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
306	Amplitude analysis of the $(B_{(s)}^0 \rightarrow K^{\ast 0} \overline{K}^{\ast 0})$ decays and measurement of the branching fraction of the $(B^0 \rightarrow K^{\ast 0} \overline{K}^{\ast 0})$ decay. <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1	5-4	3
305	Updated measurement of time-dependent (CP)-violating observables in $(B^0_{(s)} \rightarrow J/\psi K^+ K^-)$ decays. <i>European Physical Journal C</i> , <b>2019</b> , 79, 1	4-2	7
304	Measurements of CP asymmetries in charmless four-body $(\Lambda_b^0)$ and $(\Xi_b^0)$ decays. <i>European Physical Journal C</i> , <b>2019</b> , 79, 1	4-2	6
303	Prompt $B_c$ 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
302	A search for $(\Xi_{cc}^{++}) \rightarrow D^+ p K^-$ decays. <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1	5-4	5
301	Measurement of CP violation in the $(B^0 \rightarrow \pi^+ \pi^-)$ decay and search for the $B^0 \rightarrow \pi^+ \pi^-$ decay. <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1	5-4	0
300	Search for excited $B + c$ states. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5-4	13
299	Measurement of CP asymmetry in $B^0 \rightarrow \pi^+ \pi^- K^0$ decays. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5-4	4
298	Search for the lepton-flavour violating decays $B^0 \rightarrow \tau^+ \tau^- \mu^+ \mu^-$ . <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5-4	15
297	First measurement of the CP-violating phase $(\phi_{S^{\ast} \overline{D}})$ in $B^0 \rightarrow \pi^+ \pi^- K^+ K^-$ decays. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5-4	6

296	Radiation Damage Effects and Operation of the LHCb Vertex Locator. <i>IEEE Transactions on Nuclear Science</i> , <b>2018</b> , 65, 1127-1132	1.7	1
295	Measurement of branching fractions of charmless four-body $\bar{D}^0 \rightarrow b$ and $\bar{D}^0 \rightarrow b$ decays. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	8
294	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
293	Study of $\chi$ production in pPb collisions at $(\sqrt{s_{\text{NN}}}=8.16)$ TeV. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	8
292	Search for beautiful tetraquarks in the $\chi(1S)$ invariant-mass spectrum. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	21
291	ReDecay: a novel approach to speed up the simulation at LHCb. <i>European Physical Journal C</i> , <b>2018</b> , 78, 1009	4.2	12
290	Search for lepton-flavour-violating decays of Higgs-like bosons. <i>European Physical Journal C</i> , <b>2018</b> , 78, 1008	4.2	3
289	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
288	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
287	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
286	Observation of the decay $(\bar{B}_s^0 \rightarrow \chi_{c2} K^+ K^-)$ in the $\chi$ mass region. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	0
285	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
284	Studies of the resonance structure in decays. <i>European Physical Journal C</i> , <b>2018</b> , 78, 443	4.2	11
283	Angular moments of the decay $\bar{D}^0 \rightarrow \pi^+ \pi^-$ at low hadronic recoil. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	17
282	Measurement of $Z \rightarrow \mu\mu$ production in proton-proton collisions at $(\sqrt{s}=8)$ TeV. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	2
281	Measurement of the CKM angle $\beta$ using $B \rightarrow DK$ with $D \rightarrow K^+ K^- K^+ K^-$ decays. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	9
280	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
279	Evidence for the decay $(B_s^0 \rightarrow \bar{K}^{*0} \mu^+ \mu^-)$ . <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	15

278	Observation of the decay $B^0 \rightarrow \tau^+ \tau^- p$ . <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5-4	5
277	Measurement of the CP asymmetry in $B^0 \rightarrow D^0$ and $B^0 \rightarrow D^0 D^0$ decays. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5-4	1
276	Search for CP violation using triple product asymmetries in $B^0 \rightarrow \tau^+ K^0$ and $B^0 \rightarrow \tau^+ K^0 K^0$ decays. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5-4	7
275	First observation of $B^+ \rightarrow \tau^+ s^+ K^0$ decays and a search for $B^+ \rightarrow \tau^+ s^+ ?$ decays. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5-4	6
274	Measurement of CP violation in $B^0 \rightarrow \tau^+ \tau^-$ decays. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5-4	2
273	Search for the suppressed decays $B^+ \rightarrow K^+ K^0$ and $B^+ \rightarrow K^+ K^0$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2017</b> , 765, 307-316	4-2	8
272	Observation of $J/\psi$ Structures Consistent with Exotic States from Amplitude Analysis of $B^+ \rightarrow \tau^+ K^0 K^+$ Decays. <i>Physical Review Letters</i> , <b>2017</b> , 118, 022003	7-4	98
271	Observation of the decay $B_s^0 \rightarrow \tau^+ \tau^-$ and evidence for $B^0 \rightarrow \tau^+ \tau^-$ . <i>Physical Review D</i> , <b>2017</b> , 95,	4-9	17
270	Measurement of the phase difference between short- and long-distance amplitudes in the $B^0 \rightarrow \tau^+ \tau^-$ decay. <i>European Physical Journal C</i> , <b>2017</b> , 77, 161	4-2	25
269	Study of the $D^0 \rightarrow p$ amplitude in $B^0 \rightarrow D^0 p$ decays. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5-4	33
268	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
267	Study of prompt $D^0$ meson production in pPb collisions at $(\sqrt{s_{NN}} = 5)$ TeV. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5-4	27
266	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
265	Improved limit on the branching fraction of the rare decay. <i>European Physical Journal C</i> , <b>2017</b> , 77, 678	4-2	7
264	Measurement of the ratio of branching fractions and difference in CP asymmetries of the decays $B^+ \rightarrow \tau^+ D^0$ and $B^+ \rightarrow \tau^+ D^0$ . <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5-4	2
263	Search for the $B^0 \rightarrow \tau^+ \tau^-$ decay. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5-4	1
262	Observation of the suppressed decay $B^0 \rightarrow \tau^+ \tau^-$ . <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5-4	10
261	Test of lepton universality with $B^0 \rightarrow \tau^+ \tau^-$ decays. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5-4	298



260	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
259	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
258	Evidence for the two-body charmless baryonic decay ( $\{B\}^{+} \rightarrow \overline{\Lambda} + \dots$ ). <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5-4	4
257	Resonances and CP violation in $B^0$ and ( $\overline{B}^0 \rightarrow J/\psi \{K\}^{+} \{K\}^{-}$ ) decays in the mass region above the $\psi(1020)$ . <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5-4	13
256	Study of ( $\overline{b}b$ ) correlations in high energy proton-proton collisions. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5-4	5
255	Measurement of CP observables in $B \rightarrow DK^*$ decays using two- and four-body D final states. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5-4	4
254	Averages of b-hadron, c-hadron, and ( $\tau$ )-lepton properties as of summer 2016. <i>European Physical Journal C</i> , <b>2017</b> , 77, 1	4-2	310
253	Updated search for long-lived particles decaying to jet pairs. <i>European Physical Journal C</i> , <b>2017</b> , 77, 812	4-2	23
252	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
251	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
250	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
249	Measurement of the CP Asymmetry in $B_{s^0} \rightarrow B_{\overline{D}^0}$ Mixing. <i>Physical Review Letters</i> , <b>2016</b> , 117, 061803	7-4	18
248	Model-Independent Evidence for $J/\psi$ Contributions to $\overline{B}^0 \rightarrow \psi K^+$ Decays. <i>Physical Review Letters</i> , <b>2016</b> , 117, 082002	7-4	85
247	Evidence for Exotic Hadron Contributions to $\overline{B}^0 \rightarrow \psi K^+$ Decays. <i>Physical Review Letters</i> , <b>2016</b> , 117, 082003	7-4	91
246	Studies of the resonance structure in $D^0 \rightarrow K^0 \pi^0$ decays. <i>Physical Review D</i> , <b>2016</b> , 93,	4-9	13
245	Measurement of the mass and lifetime of the $\Lambda_b$ baryon. <i>Physical Review D</i> , <b>2016</b> , 93,	4-9	6
244	First Observation of $D^0 \rightarrow D_{\overline{D}^0}$ Oscillations in $D^0 \rightarrow K^+ \pi^- \pi^+ \pi^-$ Decays and Measurement of the Associated Coherence Parameters. <i>Physical Review Letters</i> , <b>2016</b> , 116, 241801	7-4	16
243	First observation of the rare $B^+ \rightarrow D^+ K^0$ decay. <i>Physical Review D</i> , <b>2016</b> , 93,	4-9	3



242	Measurement of the $B_{s0}-D_{s^*}+D_{s^*}$ branching fractions. <i>Physical Review D</i> , <b>2016</b> , 93,	4.9	3
241	Constraints on the unitarity triangle angle $\Gamma$ from Dalitz plot analysis of $B_0-DK^+$ decays. <i>Physical Review D</i> , <b>2016</b> , 93,	4.9	6
240	Observation of $B_{s^0}-D^0$ over $K_{S^0}$ and Evidence for $B_{s^0}-D^0$ over $K_{S^0}$ Decays. <i>Physical Review Letters</i> , <b>2016</b> , 116, 161802	7.4	5
239	Measurement of the Difference of Time-Integrated CP Asymmetries in $D^0-K^+K^+$ and $D^0-K^+K^0$ Decays. <i>Physical Review Letters</i> , <b>2016</b> , 116, 191601	7.4	25
238	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
237	Differential branching fraction and angular moments analysis of the decay $B^0 \rightarrow K^+ \pi^-$ in the $K^*_{0,2}(1430)^0$ region. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	11
236	Study of $D^*(*) + sJ$ mesons decaying to $D^* + K^0_S$ and $D^* K^+$ final states. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	7
235	Study of $(\Psi S)$ 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
234	Model-independent measurement of mixing parameters in $D^0 \rightarrow K^+ S^0$ decays. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016,	5.4	11
233	Measurements of prompt charm production cross-sections in pp collisions at $(\sqrt{s}=13)$ TeV. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	65
232	First observation of the decay $B^0 \rightarrow K^+ K^0 K^*(892)^0$ at LHCb. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	3
231	Observation of the $B^0 \rightarrow K^+ \pi^-$ decay. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	7
230	Angular analysis of the $B^0 \rightarrow K^+ \pi^-$ decay using 3 fb of integrated luminosity. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	232
229	Measurements of prompt charm production cross-sections in pp collisions at $(\sqrt{s}=13)$ TeV <b>2016</b> , 2016, 1		2
228	Measurements of the S-wave fraction in $B^0 \rightarrow K^+ \pi^-$ decays and the $B^0 \rightarrow K^*(892)^0 \pi^-$ differential branching fraction <b>2016</b> , 2016, 1		2
227	A precise measurement of the [Formula: see text] meson oscillation frequency. <i>European Physical Journal C</i> , <b>2016</b> , 76, 412	4.2	6
226	Search for Higgs-like bosons decaying into long-lived exotic particles. <i>European Physical Journal C</i> , <b>2016</b> , 76, 664	4.2	16
225	Observations of $D^0 \rightarrow b^- \pi^+$ and $D^0 \rightarrow b^- K^+$ decays and searches for other $D^0 \rightarrow b^-$ and $D^0 \rightarrow b^-$ decays to $B^+ + h^0$ final states. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	17

224	Measurement of forward W and Z boson production in association with jets in proton-proton collisions at ( $\sqrt{s}=8$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	8
223	Observation of $\Lambda_b \rightarrow p K^0$ and $\Lambda_b \rightarrow p K^+$ decays and a measurement of the $\Lambda_b$ baryon mass. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	15
222	Measurement of the properties of the $\Lambda_b^0$ baryon. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016,	5.4	15
221	Production of associated Y and open charm hadrons in pp collisions at ( $\sqrt{s}=7$ ) and 8 TeV via double parton scattering. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	25
220	Measurement of the CKM angle $\alpha$ using $B^0 \rightarrow DK^*$ with $D \rightarrow K^0 S^0$ decays. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016,	5.4	6
219	Measurement of the forward Z boson production cross-section in pp collisions at ( $\sqrt{s}=13$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	13
218	Measurement of the ratio of branching fractions ( $\frac{\text{Br}(B \rightarrow K^+ \psi^+)}{\text{Br}(B \rightarrow K^+ \psi^+)}$ ). <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	5
217	Measurement of forward W production in pp collisions at ( $\sqrt{s}=8$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	8
216	Measurement of the CKM angle $\beta$ from a combination of LHCb results. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	23
215	Measurements of the S-wave fraction in $B^0 \rightarrow K^+ K^0$ decays and the $B^0 \rightarrow K^+ K^0$ differential branching fraction. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	48
214	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
213	Amplitude analysis of $B \rightarrow \pi$ decays. <i>Physical Review D</i> , <b>2016</b> , 94,	4.9	45
212	Study of $B_c^+$ decays to the $K^+ K^0$ final state and evidence for the decay $B_c^+ \rightarrow \pi^+ K^0$ . <i>Physical Review D</i> , <b>2016</b> , 94,	4.9	17
211	Measurement of the $B_s^0$ lifetime. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2016</b> , 762, 484-492	4.2	4
210	Search for the lepton-flavour violating decay $D^0 \rightarrow e^+ \mu^-$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2016</b> , 754, 167-175	4.2	14
209	Model-independent measurement of the CKM angle $\alpha$ using $B^0 \rightarrow DK^*$ decays with $D \rightarrow K^0 S^0$ and $K^0 S^0 K^+ K^-$ . <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	6
208	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> , <b>2016</b> , 762, 253-262	4.2	13
207	Search for $B_c^+$ decays to the $p \pi^+$ final state. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2016</b> , 759, 313-321	4.2	10

206	Observation of the $B_0 \rightarrow \pi^0$ decay. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2016</b> , 759, 282-292	4.2	12
205	Measurement of CP observables in $B_{\pm} \rightarrow \pi^0 K_{\pm}$ and $B_{\pm} \rightarrow \pi^0 D_{\pm}$ with two- and four-body D decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2016</b> , 760, 117-131	4.2	16
204	Determination of $\Gamma_{\text{and}} \Gamma_{\text{eff}}$ 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
203	Study of the rare $B_{s0}$ and $B_0$ decays into the $\pi^0 \pi^0$ final state. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2015</b> , 743, 46-55	4.2	13
202	Measurement of the semileptonic CP asymmetry in $B_0 \rightarrow B^0$ mixing. <i>Physical Review Letters</i> , <b>2015</b> , 114, 041601	7.4	28
201	Precision measurement of CP violation in $B(S)(0) \rightarrow \pi^0 K^+$ decays. <i>Physical Review Letters</i> , <b>2015</b> , 114, 041801	7.4	53
200	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
199	Search for long-lived particles decaying to jet pairs. <i>European Physical Journal C</i> , <b>2015</b> , 75, 152	4.2	26
198	Search for CP violation in $D_0 \rightarrow \pi^0$ 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
197	Study of $\pi^0$ mixing from measurement of $B(s) \rightarrow \pi^0 \pi^0$ decay rates. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015,	5.4	8
196	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
195	Search for the lepton flavour violating decay $B \rightarrow \mu^+ \mu^- \pi^0$ . <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5.4	22
194	Precise measurements of the properties of the $B(5721)_{0,+}$ and $B^*(5747)_{0,+}$ states and observation of $B_{+,0} \rightarrow \pi^0$ mass structures. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5.4	14
193	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
192	Measurement of the $[B_{\text{production}}]$ production cross-section in proton-proton collisions via the decay $[B_{\text{decay}}]$ . <i>European Physical Journal C</i> , <b>2015</b> , 75, 311	4.2	41
191	Study of CP violation in $B^0 \rightarrow \pi^0 h$ ( $h=K, \pi$ ) 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
190	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
189	First observation of top quark production in the forward region. <i>Physical Review Letters</i> , <b>2015</b> , 115, 112001	7.4	16

188	Evidence for the Strangeness-Changing Weak Decay $B^0 \rightarrow \bar{D}^0 \pi^0$ . <i>Physical Review Letters</i> , <b>2015</b> , 115, 241801	7.4	14
187	First observation and amplitude analysis of the $B^0 \rightarrow K^0 \pi^0$ decay. <i>Physical Review D</i> , <b>2015</b> , 91,	4.9	30
186	Quantum numbers of the X(3872) state and orbital angular momentum in its $D^0 \bar{D}^0$ decay. <i>Physical Review D</i> , <b>2015</b> , 92,	4.9	34
185	Amplitude analysis of $B^0 \rightarrow \bar{D}^0 K^0 \pi^0$ decays. <i>Physical Review D</i> , <b>2015</b> , 92,	4.9	16
184	Dalitz plot analysis of $B^0 \rightarrow \bar{D}^0 K^0 \pi^0$ decays. <i>Physical Review D</i> , <b>2015</b> , 92,	4.9	53
183	Measurement of the branching fraction ratio $B(B_c \rightarrow \bar{D}^0 \pi^0) / B(B_c \rightarrow \bar{D}^0 \pi^0)$ . <i>Physical Review D</i> , <b>2015</b> , 92,	4.9	11
182	Search for the rare decays $B^0 \rightarrow \bar{D}^0 \pi^0$ and $B_s^0 \rightarrow \bar{D}^0 \pi^0$ . <i>Physical Review D</i> , <b>2015</b> , 92,	4.9	7
181	Measurement of CP Violation in $B^0 \rightarrow \bar{D}^0 \pi^0$ Decays. <i>Physical Review Letters</i> , <b>2015</b> , 115, 031601	7.4	22
180	Observation of the $B(s)(0) \rightarrow \bar{D}^0 \pi^0$ decay. <i>Physical Review Letters</i> , <b>2015</b> , 115, 051801	7.4	7
179	Observation of $J/\psi$ Resonances Consistent with Pentaquark States in $B^0 \rightarrow \bar{D}^0 \pi^0$ Decays. <i>Physical Review Letters</i> , <b>2015</b> , 115, 072001	7.4	580
178	Measurement of the ratio of branching fractions $B(B^0 \rightarrow \bar{D}^0 \pi^0) / B(B^0 \rightarrow \bar{D}^0 \pi^0)$ . <i>Physical Review Letters</i> , <b>2015</b> , 115, 111803	7.4	316
177	Search for Hidden-Sector Bosons in $B(0) \rightarrow K^0 \pi^0$ Decays. <i>Physical Review Letters</i> , <b>2015</b> , 115, 161802	7.4	65
176	Measurement of CP asymmetries and polarisation fractions in $(B_s^0 \rightarrow \bar{K}^0 \pi^0)$ decays. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5.4	6
175	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
174	Search for the $B^0 \rightarrow \bar{D}^0 \pi^0$ and $B^0 \rightarrow \bar{D}^0 \pi^0$ decays with the LHCb detector. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5.4	6
173	Measurement of the exclusive $\pi^0$ production cross-section in pp collisions at $(\sqrt{s}=7)$ TeV and 8 TeV. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5.4	42
172	Measurement of the $B^0 \rightarrow \bar{D}^0 \pi^0$ branching fraction and search for the decay $B^0 \rightarrow \bar{D}^0 \pi^0$ . <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5.4	8
171	Forward production of $\pi^0$ mesons in pp collisions at $(\sqrt{s}=7)$ and 8 TeV. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5.4	21

170	Measurement of the forward-backward asymmetry in $Z/\gamma \rightarrow b\bar{b}$ decays and determination of the effective weak mixing angle. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5-4	22
169	First observation and measurement of the branching fraction for the decay $B^0 \rightarrow \pi^+ \pi^- K^0$ . <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5-4	4
168	First measurement of the differential branching fraction and CP asymmetry of the $B^0 \rightarrow \pi^+ \pi^- K^0$ decay. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015,	5-4	27
167	Measurement of the time-integrated CP asymmetry in $D^0 \rightarrow K^0 S K^0$ decays. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5-4	11
166	Measurement of CP violation parameters and polarisation fractions in $(\{B\}_{\{s\}}^0 \rightarrow \{J\}/\psi \{\overline{\{K\}}\}^{\{ast\}0})$ decays. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5-4	12
165	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
164	Differential branching fraction and angular analysis of $B^0 \rightarrow b \rightarrow \mu^+ \mu^-$ decays. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015,	5-4	54
163	Measurement of the time-dependent CP asymmetries in $B_s^0 \rightarrow J/\psi K^0$ . <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015,	5-4	9
162	Search for the decay $(\{B\}_s^0 \rightarrow \{\overline{\{D\}}\}^{\{f\}}_0(980))$ . <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5-4	10
161	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
160	Observation of the decay $B^0 \rightarrow \pi^+ \pi^- K^0$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2015</b> , 747, 484-494	4-2	12
159	Angular analysis and differential branching fraction of the decay $B^0 \rightarrow \pi^+ \pi^- K^0$ . <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5-4	138
158	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
157	Angular analysis of the $B^0 \rightarrow \pi^+ \pi^- e^+ e^-$ decay in the low- $q^2$ region. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5-4	20
156	Determination of the branching fractions of $B^0 \rightarrow \pi^+ \pi^- K^0$ and $B^0 \rightarrow \pi^+ \pi^- K^+$ . <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5-4	5
155	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
154	Observation of the $B^0 \rightarrow \pi^+ \pi^-$ decay from an amplitude analysis of $B^0 \rightarrow \pi^+ \pi^- K^0$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2015</b> , 747, 468-478	4-2	9
153	Measurement of the lifetime of the $B_c^+$ meson using the $B_c^+ \rightarrow \mu^+ \nu_\mu$ decay mode. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2015</b> , 742, 29-37	4-2	25

152	Observation of two new $(b)(-)$ baryon resonances. <i>Physical Review Letters</i> , <b>2015</b> , 114, 062004	7.4	35
151	Measurement of the CP -violating phase $\arg(B_0^0 \rightarrow \pi^0 \pi^0)$ decays and limits on penguin effects. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2015</b> , 742, 38-49	4.2	24
150	Study of $J/\psi$ production and cold nuclear matter effects in pPb collisions at $(\sqrt{s_{NN}}) = 5$ TeV. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	60
149	Measurement of the $B^0 \rightarrow \pi^0 \pi^0$ baryon lifetimes. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2014</b> , 736, 154-162	4.2	10
148	Effective lifetime measurements in the $B_s^0 \rightarrow K^+ K^-$ and $B_s^0 \rightarrow K^0 \bar{K}^0$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2014</b> , 736, 446-454	4.2	9
147	Measurement of the CP-violating phase $\arg(B_0^0 \rightarrow \pi^0 \pi^0)$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2014</b> , 736, 186-195	4.2	33
146	Searches for $(\Lambda_b^0)$ and $(\Xi_b^0)$ decays to $(K_{\text{charm}}^0 \rightarrow \pi^0 \pi^0)$ and $(K_{\text{charm}}^0 \rightarrow K^+ K^-)$ final states with first observation of the $(\Lambda_b^0 \rightarrow K_{\text{charm}}^0 \rightarrow \pi^0 \pi^0)$ decay. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	18
145	Measurements of the $B^+$ , $B^0$ , $B_s^0$ meson and $\Lambda_b^0$ baryon lifetimes. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014,	5.4	22
144	Measurement of polarization amplitudes and CP asymmetries in $B^0 \rightarrow K^* K^0$ . <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	8
143	Angular analysis of charged and neutral $B \rightarrow K^* \pi$ decays. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	18
142	Evidence for the decay $(B_c^+ \rightarrow J/\psi \text{ left/ right})$ . <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	16
141	Differential branching fractions and isospin asymmetries of $B \rightarrow K^* \pi$ decays. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	142
140	Measurement of CP asymmetry in $D^0 \rightarrow K^+ K^-$ and $D^0 \rightarrow \pi^+ \pi^-$ decays. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	42
139	Study of $(\Upsilon)$ production and cold nuclear matter effects in pPb collisions at $(\sqrt{s_{NN}}) = 5$ TeV. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	27
138	Observation of the $\Lambda_b \rightarrow J/\psi \pi$ decay. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	29
137	Observation of the $B^0 \rightarrow J/\psi K_S^0 \pi^0$ decay. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	5
136	Study of the kinematic dependences of $\Lambda_b$ production in pp collisions and a measurement of the $\Lambda_b \rightarrow c \pi$ branching fraction. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	30
135	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



134	Measurement of the [Formula: see text] meson lifetime using [Formula: see text] decays. <i>European Physical Journal C</i> , <b>2014</b> , 74, 2839	4.2	32
133	Measurement of [Formula: see text] polarisation in [Formula: see text] collisions at [Formula: see text] = 7 TeV. <i>European Physical Journal C</i> , <b>2014</b> , 74, 2872	4.2	35
132	Measurement of charged particle multiplicities and densities in [Formula: see text] collisions at [Formula: see text]TeV in the forward region. <i>European Physical Journal C</i> , <b>2014</b> , 74, 2888	4.2	20
131	Search for the decay . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2014</b> , 728, 234-243	4.2	8
130	Search for CP violation in the decay . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2014</b> , 728, 585-595	4.2	15
129	Measurement of the charge asymmetry in . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2014</b> , 728, 85-94	4.2	10
128	Observation of the resonant character of the Z(4430)(-) state. <i>Physical Review Letters</i> , <b>2014</b> , 112, 222002	7.4	234
127	Observation of photon polarization in the b-f transition. <i>Physical Review Letters</i> , <b>2014</b> , 112, 161801	7.4	29
126	Precision measurement of the ratio of the . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2014</b> , 734, 122-130	4.2	43
125	Measurement of the CP-violating phase $\gamma_s$ in $B_s(0) \rightarrow D_s(+)\bar{D}_s(-)$ decays. <i>Physical Review Letters</i> , <b>2014</b> , 113, 211801	7.4	17
124	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
123	Measurements of CP violation in the three-body phase space of charmless $B_{\bar{d}}$ decays. <i>Physical Review D</i> , <b>2014</b> , 90,	4.9	47
122	Measurement of CP asymmetries in the decays $B^0 \rightarrow \bar{K}^*0 \rightarrow \pi^+\pi^-$ and $B^+ \rightarrow \bar{K}^*+ \rightarrow \pi^+\pi^0$ . <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014,	5.4	15
121	Observation of $B_{\bar{s}}^0 \rightarrow \bar{K}^{*0} \rightarrow \pi^+\pi^-$ and evidence for $B_{\bar{s}}^0 \rightarrow \bar{K}^{*0} \rightarrow \pi^+\pi^0$ decays. <i>New Journal of Physics</i> , <b>2014</b> , 16, 123001	2.9	6
120	Measurement of CP violation and constraints on the CKM angle $\arg(V_{cb}V_{cd}^*)$ with $D \rightarrow K_S^0 \pi^0$ decays. <i>Nuclear Physics B</i> , <b>2014</b> , 888, 169-193	2.8	13
119	Measurement of the $B_{\bar{d}}^0 B_0$ and $B_{\bar{d}}^0 B_s^0$ production asymmetries in pp collisions at $\sqrt{s}=7\text{TeV}$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2014</b> , 739, 218-228	4.2	22
118	First measurement of the charge asymmetry in beauty-quark pair production. <i>Physical Review Letters</i> , <b>2014</b> , 113, 082003	7.4	15
117	Evidence for CP violation in $B^+ \rightarrow \bar{f} p K^+$ decays. <i>Physical Review Letters</i> , <b>2014</b> , 113, 141801	7.4	14



116	First observation of a baryonic $B_c^+$ decay. <i>Physical Review Letters</i> , <b>2014</b> , 113, 152003	7.4	24
115	Measurement of resonant and CP components in $B_{(s)}^0 \rightarrow \rho/\omega$ decays. <i>Physical Review D</i> , <b>2014</b> , 89,	4.9	54
114	Search for Majorana neutrinos in $B^- \rightarrow \mu \mu$ decays. <i>Physical Review Letters</i> , <b>2014</b> , 112, 131802	7.4	70
113	Measurement of the $B_{(s)}^0$ meson lifetime in $D_s^+ \rightarrow \rho$ decays. <i>Physical Review Letters</i> , <b>2014</b> , 113, 172001	7.4	10
112	Measurement of CP violation in the phase space of $B_{(s)}^0 \rightarrow \rho^+ K^- \pi$ and $B_{(s)}^0 \rightarrow \rho^0 \pi \pi$ decays. <i>Physical Review Letters</i> , <b>2014</b> , 112, 011801	7.4	61
111	Measurement of the resonant and CP components in $B_{(s)}^0 \rightarrow \rho/\omega$ decays. <i>Physical Review D</i> , <b>2014</b> , 90,	4.9	52
110	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
109	Measurement of the $B_s(0) \rightarrow D_s^- D_s^+$ and $B_s(0) \rightarrow \bar{D}^- D_s^+$ effective lifetimes. <i>Physical Review Letters</i> , <b>2014</b> , 112, 111802	7.4	12
108	Dalitz plot analysis of $B_s^0 \rightarrow \bar{D}^0 K^0$ decays. <i>Physical Review D</i> , <b>2014</b> , 90,	4.9	70
107	Measurements of indirect CP asymmetries in $D_0 \rightarrow \rho^- K^+$ and $D_0 \rightarrow \rho^0 \pi$ decays. <i>Physical Review Letters</i> , <b>2014</b> , 112, 041801	7.4	18
106	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
105	Test of lepton universality using $b^+ \rightarrow \rho^+ \mu \mu$ decays. <i>Physical Review Letters</i> , <b>2014</b> , 113, 151601	7.4	54 <sup>2</sup>
104	Precision measurement of the mass and lifetime of the $\Lambda_b^0$ baryon. <i>Physical Review Letters</i> , <b>2014</b> , 113, 242002	7.4	26
103	Measurement of CP violation in $B_s^0 \rightarrow \rho^0$ decays. <i>Physical Review D</i> , <b>2014</b> , 90,	4.9	13
102	Study of Beauty Hadron Decays into Pairs of Charm Hadrons. <i>Physical Review Letters</i> , <b>2014</b> , 112,	7.4	21
101	Observation of $B(s)^0 \rightarrow \rho/\omega f_1(1285)$ decays and measurement of the $f_1(1285)$ mixing angle. <i>Physical Review Letters</i> , <b>2014</b> , 112, 091802	7.4	17
100	Studies of beauty baryon decays to $D_0 p h$ and $\bar{D}^+ h$ final states. <i>Physical Review D</i> , <b>2014</b> , 89,	4.9	25
99	Search for CP violation using T-odd correlations in $D^0 \rightarrow \rho^- K^+ \pi$ decays. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	16

98	Search for CP violation in $D^0 \rightarrow \bar{K}^0 K^0$ and $D^0 \rightarrow \bar{K}^0 K^0$ decays. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	8
97	First observations of the rare decays $B^+ \rightarrow \bar{K}^0 \pi^0 \pi^0$ and $B^+ \rightarrow \bar{K}^0 \pi^+ \pi^-$ . <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	7
96	Measurement of the $B_c(3P)$ mass and of the relative rate of $B_c(1P)$ and $B_c(2P)$ production. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	17
95	Measurement of the CKM angle $\alpha$ using $B^0 \rightarrow \bar{K}^0 K^0$ with $D^0 \rightarrow \bar{K}^0 K^0$ decays. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	19
94	Measurement of CP asymmetry in $B^0 \rightarrow \bar{D}^0 K^0$ decays. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	10
93	Measurement of the forward W boson cross-section in pp collisions at ( $\sqrt{s}=7$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	14
92	A study of CP violation in $B^0 \rightarrow \bar{K}^0 K^0$ and $B^0 \rightarrow \bar{K}^0 K^0$ decays with $D \rightarrow \bar{K}^0 K^0$ final states. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2014</b> , 733, 36-45	4.2	12
91	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
90	Differential branching fraction and angular analysis of the decay ( $B_s^0 \rightarrow \bar{K}^0 \pi^0$ ). <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5.4	86
89	Search for CP violation in $D^+ \rightarrow \bar{K}^0 \pi^+$ and ( $D_s^+ \rightarrow K_S^0 \pi^+$ ) decays. <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5.4	14
88	Production of $J/\psi$ and ( $\Upsilon$ ) mesons in pp collisions at ( $\sqrt{s}=8$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5.4	58
87	Measurement of the $B^0 \rightarrow \bar{K}^0 e^+ e^-$ branching fraction at low dilepton mass. <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5.4	22
86	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
85	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
84	Measurement of CP observables in $B^0 \rightarrow \bar{K}^0 K^0$ with $D \rightarrow \bar{K}^0 K^0$ . <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5.4	6
83	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
82	Differential branching fraction and angular analysis of the $B^+ \rightarrow \bar{K}^0 \pi^+$ decay. <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5.4	63
81	First evidence for the annihilation decay mode $\{B^+\} \rightarrow D_s^+ \pi^0$ . <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013,	5.4	13

80	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
79	Measurements of the branching fractions of [Formula: see text] decays. <i>European Physical Journal C</i> , <b>2013</b> , 73, 2462	4.2	19
78	Search for $D(s)+\eta$ and $D(s)+\eta'$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2013</b> , 724, 203-212	4.2	30
77	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
76	Measurement of the time-dependent CP asymmetry in $B_0\text{-}\bar{K}_S^0$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2013</b> , 721, 24-31	4.2	11
75	Branching fraction and CP asymmetry of the decays $B+\bar{K}_S^0$ and $B+\bar{K}_S^0K^+$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2013</b> , 726, 646-655	4.2	9
74	First measurement of time-dependent CP violation in $(B_s^0\text{to }K^+K^-)$ decays. <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5.4	25
73	Study of $B_{(s)}^0\text{to }K_{\text{mathrm{S}}}^0\{h^+\}h^{\prime-}$ decays with first observation of $B_s^0\text{to }K_{\text{mathrm{S}}}^0\{K^{\pm}\}\{\pi^{\mp}\}$ and $B_s^0\text{to }K_{\text{mathrm{S}}}^0\{\pi^+\}\{\pi^-\}$ . <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013,	5.4	14
72	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
71	First evidence for the two-body charmless baryonic decay $\{B^0\text{to }p\}$ . <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013,	5.4	7
70	Study of D J meson decays to $D+\eta$ and $D^*+\eta'$ final states in pp collisions. <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5.4	69
69	First observation of the decay $(B_c^+\text{to }J\text{left/}\{\{\psi\{K^+\}\}\}\text{right.})$ . <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5.4	36
68	Searches for $(B_{(s)}^0\text{to }J\text{left/}\{\{\psi\ p\}\}\text{right.})\overline{p}$ and $B+\bar{J}/\psi(\overline{p})\eta$ decays. <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5.4	6
67	Differential branching fraction and angular analysis of the decay $B_0\text{-}\bar{K}^*\eta'$ . <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5.4	99
66	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
65	Implications of LHCb measurements and future prospects. <i>European Physical Journal C</i> , <b>2013</b> , 73, 1	4.2	116
64	Observation of $B^0\text{-}\bar{B}^0$ mixing and measurement of mixing frequencies using semileptonic B decays. <i>European Physical Journal C</i> , <b>2013</b> , 73,	4.2	14
63	Search for the doubly charmed baryon $(\Xi_{cc}^+)$ . <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5.4	41

62	Measurement of $\rho$ polarization in collisions at [Formula: see text]. <i>European Physical Journal C</i> , <b>2013</b> , 73, 2631	4.2	87
61	Observation of the decay $(B_c^{+}) \rightarrow J/\psi + K^{\pm}$ . <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5.4	20
60	First observation of the decay $(B_s^0 \rightarrow \overline{K}^{*0})$ . <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5.4	7
59	First observation of CP violation in the decays of $B(s)0$ mesons. <i>Physical Review Letters</i> , <b>2013</b> , 110, 221601	7.4	78
58	Measurement of the ratio of branching fractions $B(B \rightarrow K^*0)/B(B_s0 \rightarrow K^*0)$ and the direct CP asymmetry in $B \rightarrow K^*0$ . <i>Nuclear Physics B</i> , <b>2013</b> , 867, 1-18	2.8	29
57	Measurement of the effective $\beta$ . <i>Nuclear Physics B</i> , <b>2013</b> , 873, 275-292	2.8	10
56	Measurement of the CKM angle $\Gamma$ from a combination of $B^{\pm} \rightarrow D h^{\pm}$ analyses. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2013</b> , 726, 151-163	4.2	33
55	Measurement of the $B^0 \rightarrow D^0$ oscillation frequency $\Gamma_{hd}$ with the decays $B^0 \rightarrow D^{\pm} h^{\mp}$ and $B^0 \rightarrow K^*0$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2013</b> , 719, 318-325	4.2	15
54	Measurements of the $B^0 \rightarrow D^0$ decay amplitudes and the $B^0$ polarisation in pp collisions at $\sqrt{s}=7$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2013</b> , 724, 27-35	4.2	41
53	Observation of the decay $B_s0 \rightarrow D^0 \pi^0$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2013</b> , 727, 403-411	4.2	13
52	Search for the rare decay $D^0 \rightarrow \mu^{\pm} \pi^{\mp}$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2013</b> , 725, 15-24	4.2	23
51	Measurement of the differential branching fraction of the decay $B^0 \rightarrow D^0 \pi^0$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2013</b> , 725, 25-35	4.2	29
50	Evidence for the decay $B^0 \rightarrow D^0 \pi^0$ and measurement of the relative branching fractions of $B_s0$ meson decays to $J/\psi D^0$ and $J/\psi D^{\pm}$ . <i>Nuclear Physics B</i> , <b>2013</b> , 867, 547-566	2.8	25
49	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
48	Observations of $B^0 \rightarrow D^0 \pi^0$ . <i>Nuclear Physics B</i> , <b>2013</b> , 871, 403-419	2.8	16
47	Precision measurement of the $B^0 \rightarrow D^0$ oscillation frequency with the decay $B^0 \rightarrow D^0 \pi^0$ . <i>New Journal of Physics</i> , <b>2013</b> , 15, 053021	2.9	49
46	Search for the lepton-flavor-violating decays $B(s)0 \rightarrow \ell^{\pm} (\mu^{\pm}) \tau^{\mp}$ and $B^0 \rightarrow \ell^{\pm} (\mu^{\pm}) \tau^{\mp}$ . <i>Physical Review Letters</i> , <b>2013</b> , 111, 141801	7.4	25
45	Precision measurement of the $\Lambda(0)$ baryon lifetime. <i>Physical Review Letters</i> , <b>2013</b> , 111, 102003	7.4	32

44	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
43	Measurement of $D^0$ - $\bar{D}^0$ mixing parameters and search for CP violation using $D^0 \rightarrow K^+ \bar{K}^0$ decays. <i>Physical Review Letters</i> , <b>2013</b> , 111, 251801	7.4	34
42	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
41	First measurement of the CP-violating phase in $B_s(0) \rightarrow \bar{K}^0 K^0$ decays. <i>Physical Review Letters</i> , <b>2013</b> , 110, 241801	7.4	14
40	Determination of the $X(3872)$ meson quantum numbers. <i>Physical Review Letters</i> , <b>2013</b> , 110, 222001	7.4	234
39	Measurement of the branching fractions of the decays $B_s^0 \rightarrow \bar{K}^0 K^0$ and $B_s^0 \rightarrow \bar{K}^0 K^+$ . <i>Physical Review D</i> , <b>2013</b> , 87,	4.9	16
38	Analysis of the resonant components in $B \rightarrow \bar{K}^0 K^0$ . <i>Physical Review D</i> , <b>2013</b> , 87,	4.9	49
37	Observation of the decay $B(c)(+) \rightarrow \bar{B}(s)(0)^+$ . <i>Physical Review Letters</i> , <b>2013</b> , 111, 181801	7.4	55
36	Search for the decay $B_s^0 \rightarrow \bar{D}^* \eta$ . <i>Physical Review D</i> , <b>2013</b> , 87,	4.9	6
35	Measurement of the polarization amplitudes in $B^0 \rightarrow \bar{K}^0 K^0(892)^0$ decays. <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	15
34	Measurement of CP violation in the phase space of $B^0 \rightarrow \bar{K}^0 K^0$ and $B^0 \rightarrow \bar{K}^0 K^+$ decays. <i>Physical Review Letters</i> , <b>2013</b> , 111, 101801	7.4	70
33	Observation of $B_{c^+} \rightarrow \bar{D}^0 s^+$ and $B_{c^+} \rightarrow \bar{D}^0 s^{*+}$ decays. <i>Physical Review D</i> , <b>2013</b> , 87,	4.9	46
32	Study of $B^0 \rightarrow \bar{D}^* K^0$ and $B^0 \rightarrow \bar{D}^* K^+$ decays. <i>Physical Review D</i> , <b>2013</b> , 87,	4.9	9
31	Studies of the decays $B^+ \rightarrow \bar{p} p^+$ and observation of $B^+ \rightarrow \bar{p}(1520)^+$ . <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	11
30	Amplitude analysis and branching fraction measurement of $B \rightarrow \bar{K}^0 K^0$ . <i>Physical Review D</i> , <b>2013</b> , 87,	4.9	32
29	First observation of $B \rightarrow \bar{K}^0 K^0$ and search for $B \rightarrow \bar{K}^0 K^+$ decays. <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	14
28	Measurement of the $B_s(0) \rightarrow \bar{K}^0 K^0$ branching fraction and search for $B(0) \rightarrow \bar{K}^0 K^+$ decays at the LHCb experiment. <i>Physical Review Letters</i> , <b>2013</b> , 111, 101805	7.4	221
27	Search for rare $B(0) \rightarrow \bar{K}^0 K^0$ decays. <i>Physical Review Letters</i> , <b>2013</b> , 110, 211801	7.4	14

26	Measurement of the effective $B_s^0$ - $\bar{B}_s^0$ lifetime. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2012</b> , 707, 349-356	4.2	16
25	Measurement of the $B_s^0$ - $\bar{B}_s^0$ oscillation frequency $\Delta m_s$ in $B_s^0$ - $\bar{B}_s^0$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2012</b> , 709, 177-184	4.2	42
24	Measurements of the branching fractions of the decays $B_s^0 \rightarrow D_s^+ \mu^- K^0$ and $B_s^0 \rightarrow D_s^+ \mu^- \pi^0$ . <i>Journal of High Energy Physics</i> , <b>2012</b> , 2012,	5.4	15
23	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
22	Study of $D_s^+$ decays to $D_s^+ K_{\text{S}}^0$ and $D_s^+ K^0$ final states in pp collisions. <i>Journal of High Energy Physics</i> , <b>2012</b> , 2012,	5.4	24
21	Measurements of the branching fractions and CP asymmetries of $B^0 \rightarrow \pi^0 \pi^0$ and $B^0 \rightarrow \pi^0 \pi^0$ decays. <i>Physical Review D</i> , <b>2012</b> , 85,	4.9	19
20	Searches for Majorana neutrinos in $B^0$ decays. <i>Physical Review D</i> , <b>2012</b> , 85,	4.9	47
19	Measurement of b hadron production fractions in 7 TeV pp collisions. <i>Physical Review D</i> , <b>2012</b> , 85,	4.9	105
18	Measurement of the $\Delta a_\mu$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2012</b> , 713, 172-179	4.2	12
17	Measurement of the polarization amplitudes and triple product asymmetries in the $B^0 \rightarrow \pi^0 \pi^0$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2012</b> , 713, 369-377	4.2	13
16	Measurement of relative branching fractions of decays to $(2^-)$ and $(1^-)$ mesons. <i>European Physical Journal C</i> , <b>2012</b> , 72, 2118	4.2	18
15	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
14	First observation of the decay $B(c)^+ \rightarrow \bar{c} \mu^+ \pi^0$ . <i>Physical Review Letters</i> , <b>2012</b> , 108, 251802	7.4	50
13	First observation of the decays $B(0) \rightarrow \bar{D}(+)K(-)\pi^+\pi^-$ and $B(-) \rightarrow \bar{D}(0)K(-)\pi^+\pi^-$ . <i>Physical Review Letters</i> , <b>2012</b> , 108, 161801	7.4	8
12	Analysis of the resonant components in $B^0 \rightarrow \pi^0 \pi^0$ . <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	59
11	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
10	Search for lepton number violating decays $B^+ \rightarrow \bar{\nu}_\mu \mu^+ \pi^0$ and $B^+ \rightarrow \bar{\nu}_\mu \mu^+ \pi^+$ . <i>Physical Review Letters</i> , <b>2012</b> , 108, 101601	7.4	35
9	First observation of the decays $B^0 \rightarrow \bar{D}_s^+ K^0$ and $B^0 \rightarrow \bar{D}_s^+ \pi^0$ . <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	9

8	Measurements of $B(c)^+$ production and mass with the $B(c)^+ \rightarrow J/\psi$ decay. <i>Physical Review Letters</i> , <b>2012</b> , 109, 232001	7.4	53
7	Observation of $B^0 \rightarrow D^+(0)K^+K^-$ and evidence for $B^0 \rightarrow D^-(0)K^+K^-$ . <i>Physical Review Letters</i> , <b>2012</b> , 109, 131801	7.4	22
6	Observation of $B^0 \rightarrow J/\psi(2S)K^+K^-$ in $J/\psi + K^-$ final states. <i>Physical Review Letters</i> , <b>2012</b> , 108, 151801	7.4	16
5	On the interplay of direct and indirect CP violation in the charm sector. <i>Journal of Physics G: Nuclear and Particle Physics</i> , <b>2012</b> , 39, 045005	2.9	25
4	First observation of the decay $B^0 \rightarrow D^+K^-$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2011</b> , 706, 32-39	4.2	14
3	First observation of $B^0 \rightarrow D^+K^-$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2011</b> , 698, 14-20	4.2	25
2	First observation of $B^0 \rightarrow D^+K^-$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2011</b> , 698, 115-122	4.2	66
1	Measurements of the branching fractions for $B^0 \rightarrow D^+K^-$ and $B^0 \rightarrow D^+K^-$ . <i>Physical Review D</i> , <b>2011</b> , 84,	4.9	20