

Tomasz Szumlak

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.

580
papers

21,788
citations

66
h-index

124
g-index

591
ext. papers

25,050
ext. citations

5.1
avg. IF

6.34
L-index

#	Paper	IF	Citations
580	Search for the Standard Model Higgs boson at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2003 , 565, 61-75	4.2	1044
579	Precision electroweak measurements on the Z resonance. <i>Physics Reports</i> , 2006 , 427, 257-454	27.7	730
578	The LHCb Detector at the LHC. <i>Journal of Instrumentation</i> , 2008 , 3, S08005-S08005	1	622
577	Observation of J/ψ Resonances Consistent with Pentaquark States in $\Lambda_b^0 \rightarrow \psi \Lambda^0 p$ Decays. <i>Physical Review Letters</i> , 2015 , 115, 072001	7.4	580
576	Test of lepton universality using $b \rightarrow c \tau \nu$ decays. <i>Physical Review Letters</i> , 2014 , 113, 151601	7.4	542
575	Search for neutral MSSM Higgs bosons at LEP. <i>European Physical Journal C</i> , 2006 , 47, 547	4.2	496
574	LHCb detector performance. <i>International Journal of Modern Physics A</i> , 2015 , 30, 1530022	1.2	452
573	Observation of the rare $B(s) \rightarrow \mu^+ \mu^-$ decay from the combined analysis of CMS and LHCb data. <i>Nature</i> , 2015 , 522, 68-72	50.4	326
572	Measurement of the ratio of branching fractions $B(B \rightarrow \mu^+ \mu^-) / B(B \rightarrow e^+ e^-)$. <i>Physical Review Letters</i> , 2015 , 115, 111803	7.4	316
571	Measurement of form-factor-independent observables in the decay $B \rightarrow K^{*0} \ell^+ \ell^-$. <i>Physical Review Letters</i> , 2013 , 111, 191801	7.4	314
570	Test of lepton universality with $B \rightarrow K^{*0} \ell^+ \ell^-$ decays. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	298
569	Electroweak measurements in electron-positron collisions at W-boson-pair energies at LEP. <i>Physics Reports</i> , 2013 , 532, 119-244	27.7	291
568	First evidence for the decay $B(s) \rightarrow \mu^+ \mu^-$. <i>Physical Review Letters</i> , 2013 , 110, 021801	7.4	263
567	Observation of the Doubly Charmed Baryon Λ_{cc}^{++} . <i>Physical Review Letters</i> , 2017 , 119, 112001	7.4	257
566	Observation of the resonant character of the $Z(4430)^-$ state. <i>Physical Review Letters</i> , 2014 , 112, 222002	7.4	234
565	Determination of the X(3872) meson quantum numbers. <i>Physical Review Letters</i> , 2013 , 110, 222001	7.4	234
564	Angular analysis of the $B \rightarrow K^{*0} \ell^+ \ell^-$ decay using 3 fb of integrated luminosity. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	232

563	Measurement of the $B_s(0) \rightarrow \mu^+ \mu^-$ branching fraction and search for $B(0) \rightarrow \mu^+ \mu^-$ decays at the LHCb experiment. <i>Physical Review Letters</i> , 2013 , 111, 101805	7.4	221
562	Measurement of J/ψ production in pp collisions at $(\sqrt{s}=7)$ TeV. <i>European Physical Journal C</i> , 2011 , 71, 1	4.2	216
561	Prompt charm production in pp collisions at . <i>Nuclear Physics B</i> , 2013 , 871, 1-20	2.8	163
560	Observation of Five New Narrow χ_{c0} States Decaying to $\chi_{c1} K^{\pm}$. <i>Physical Review Letters</i> , 2017 , 118, 182001	7.4	154
559	Searches for supersymmetric particles in e + e- collisions up to 208 GeV and interpretation of the results within the MSSM. <i>European Physical Journal C</i> , 2003 , 31, 421-479	4.2	153
558	Evidence for CP violation in time-integrated $D^0 \rightarrow h^+ h^-$ decay rates. <i>Physical Review Letters</i> , 2012 , 108, 111602	7.4	150
557	Strong constraints on the rare decays $B(s)(0) \rightarrow \mu^+ \mu^-$ and $B^0 \rightarrow \mu^+ \mu^-$ <i>Physical Review Letters</i> , 2012 , 108, 231801	7.4	144
556	Differential branching fractions and isospin asymmetries of $B \rightarrow K^{(*)} \mu^+ \mu^-$ decays. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	142
555	Angular analysis and differential branching fraction of the decay $B^0 \rightarrow s^+ \mu^+ \mu^-$ <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	138
554	Performance of the LHCb Vertex Locator. <i>Journal of Instrumentation</i> , 2014 , 9, P09007-P09007	1	129
553	Measurement of the Ratio of the $B^+ \rightarrow D^{*-} \mu^+ \nu$ and $B^+ \rightarrow D^{*-} \mu^+ \nu$ Branching Fractions Using Three-Prong Lepton Decays. <i>Physical Review Letters</i> , 2018 , 120, 171802	7.4	126
552	Observation of $X(3872)$ production in pp collisions at $(\sqrt{s}=7)$ TeV. <i>European Physical Journal C</i> , 2012 , 72, 1	4.2	121
551	Photon events with missing energy in e + e- collisions at $(\sqrt{s} = \sqrt{130})$ to 209 GeV. <i>European Physical Journal C</i> , 2005 , 38, 395-411	4.2	117
550	Implications of LHCb measurements and future prospects. <i>European Physical Journal C</i> , 2013 , 73, 1	4.2	116
549	Measurement of the Ratio of Branching Fractions $B(B_{c^+} \rightarrow B^+ \mu^+ \nu) / B(B_{c^+} \rightarrow B^+ \mu^+ \nu)$. <i>Physical Review Letters</i> , 2018 , 120, 121801	7.4	109
548	Measurement of . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2010 , 694, 209-216	4.2	107
547	Test of lepton flavor universality by the measurement of the $B^0 \rightarrow D^{*+} \mu^- \nu$ branching fraction using three-prong decays. <i>Physical Review D</i> , 2018 , 97,	4.9	106
546	Measurement of the $B_{s^+} \rightarrow \mu^+ \nu$ Branching Fraction and Effective Lifetime and Search for $B^+ \rightarrow \mu^+ \nu$ Decays. <i>Physical Review Letters</i> , 2017 , 118, 191801	7.4	106

545	Measurement of b hadron production fractions in 7 TeV pp collisions. <i>Physical Review D</i> , 2012 , 85,	4.9	105
544	Observation of Λ_b^0 . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 707, 52-59	4.2	104
543	Differential branching fraction and angular analysis of the decay $B^0 \rightarrow \rho^0 \pi^0$. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	99
542	Observation of J/ψ Structures Consistent with Exotic States from Amplitude Analysis of $B^+ \rightarrow \rho^0 K^+$ Decays. <i>Physical Review Letters</i> , 2017 , 118, 022003	7.4	98
541	Measurement of the CP-violating phase $\gamma(s)$ in the decay $B(s)0 \rightarrow \rho^0 \pi^0$. <i>Physical Review Letters</i> , 2012 , 108, 101803	7.4	95
540	Evidence for Exotic Hadron Contributions to $B^0 \rightarrow \rho^0 \pi^0$ Decays. <i>Physical Review Letters</i> , 2016 , 117, 082003	7.4	91
539	Measurement of Λ_b^0 polarization in collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2013 , 73, 2631	4.2	87
538	Differential branching fraction and angular analysis of the decay $(B_s^0) \rightarrow \rho^0 \pi^0$. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	86
537	Observation of double charm production involving open charm in pp collisions at $(\sqrt{s} = 7\text{ TeV})$. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	86
536	Model-Independent Evidence for J/ψ Contributions to $B^0 \rightarrow \rho^0 \pi^0$ Decays. <i>Physical Review Letters</i> , 2016 , 117, 082002	7.4	85
535	Exclusive J/ψ and $\psi(2S)$ production in pp collisions at $\sqrt{s} = 7$ TeV. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2013 , 40, 045001	2.9	85
534	Measurement of Λ_b^0 production in collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2012 , 72, 2025	4.2	83
533	Measurement of the track reconstruction efficiency at LHCb. <i>Journal of Instrumentation</i> , 2015 , 10, P02007-P02007	1	83
532	Updated measurements of exclusive J/ψ and $\psi(2S)$ production cross-sections in pp collisions at $\sqrt{s} = 7$ TeV. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2014 , 41, 055002	2.9	83
531	Determination of the quark coupling strength $ V_{ub} $ using baryonic decays. <i>Nature Physics</i> , 2015 , 11, 743-747	7.4	79
530	Evidence for the decay $\Lambda_b^0 \rightarrow \rho^0 \pi^0$. <i>Nuclear Physics B</i> , 2014 , 886, 665-680	2.8	79
529	Precision luminosity measurements at LHCb. <i>Journal of Instrumentation</i> , 2014 , 9, P12005-P12005	1	79
528	Measurement of the fragmentation fraction ratio f_s/f_d and its dependence on B meson kinematics. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	78

527	First observation of CP violation in the decays of $B(s)0$ mesons. <i>Physical Review Letters</i> , 2013 , 110, 221601-4	7.4	78
526	Observation of a new $\Upsilon(b)$ state in radiative transitions to $\Upsilon(1S)$ and $\Upsilon(2S)$ at ATLAS. <i>Physical Review Letters</i> , 2012 , 108, 152001	7.4	77
525	Study of tau-pair production in photon-photon collisions at LEP and limits on the anomalous electromagnetic moments of the tau lepton. <i>European Physical Journal C</i> , 2004 , 35, 159-170	4.2	76
524	Search for Dark Photons Produced in 13 TeV pp Collisions. <i>Physical Review Letters</i> , 2018 , 120, 061801	7.4	75
523	Searches for neutral Higgs bosons in extended models. <i>European Physical Journal C</i> , 2004 , 38, 1-28	4.2	75
522	Search for Majorana neutrinos in $B^- \rightarrow \mu^+ \mu^-$ decays. <i>Physical Review Letters</i> , 2014 , 112, 131802	7.4	70
521	Dalitz plot analysis of $Bs0 \rightarrow D^0 K^0$ decays. <i>Physical Review D</i> , 2014 , 90,	4.9	70
520	Measurement of CP violation in the phase space of $B^0 \rightarrow K^0 \mu^+ \mu^-$ and $B^0 \rightarrow K^0 K^+ K^-$ decays. <i>Physical Review Letters</i> , 2013 , 111, 101801	7.4	70
519	Observation of CP violation in $B^0 \rightarrow D^0 K^0$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 712, 203-212	4.2	69
518	Study of D^0 meson decays to $D^+ D^0$ and D^{*+} final states in pp collisions. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	69
517	Search for charged Higgs bosons at LEP in general two Higgs doublet models. <i>European Physical Journal C</i> , 2004 , 34, 399-418	4.2	69
516	Observation of excited $\Upsilon(b)(0)$ baryons. <i>Physical Review Letters</i> , 2012 , 109, 172003	7.4	68
515	Measurement of CP violation and the $Bs0$ meson decay width difference with $Bs0 \rightarrow \mu^+ \mu^-$ and $Bs0 \rightarrow \mu^+ \mu^-$ decays. <i>Physical Review D</i> , 2013 , 87,	4.9	66
514	First observation of $Bs0 \rightarrow \mu^+ \mu^- (980)$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 698, 115-122	4.2	66
513	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
512	Search for Hidden-Sector Bosons in $B(0) \rightarrow K^*(0) \mu^+ \mu^-$ Decays. <i>Physical Review Letters</i> , 2015 , 115, 161802	7.4	65
511	Study of the production of Λ and hadrons in pp collisions and first measurement of the branching fraction. <i>Chinese Physics C</i> , 2016 , 40, 011001	2.2	65
510	Search for Structure in the $B_{s^0} \mu^+ \mu^-$ Invariant Mass Spectrum. <i>Physical Review Letters</i> , 2016 , 117, 152003	7.4	64

509	Differential branching fraction and angular analysis of the $B \rightarrow \bar{K}^* \mu^+ \mu^-$ decay. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	63
508	Measurement of $(2S)$ meson production in collisions at $\sqrt{s} = 1.8$ GeV. <i>European Physical Journal C</i> , 2012 , 72, 2100	4.2	63
507	Measurement of CP violation in the phase space of $B \rightarrow \bar{K}^* K^- \mu^+$ and $B \rightarrow \bar{K}^* K^- \mu^+$ decays. <i>Physical Review Letters</i> , 2014 , 112, 011801	7.4	61
506	Observation of overlapping spin-1 and spin-3 $D^* K^-$ resonances at mass 2.86 GeV/c ² . <i>Physical Review Letters</i> , 2014 , 113, 162001	7.4	61
505	Study of J/ψ 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	60
504	Inclusive W and Z production in the forward region at $\sqrt{s} = 7$ TeV. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	60
503	Measurement of the isospin asymmetry in $B \rightarrow \bar{K}^* \mu^+ \mu^-$ decays. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	59
502	Analysis of the resonant components in $B \rightarrow \bar{K}^* \mu^+ \mu^-$. <i>Physical Review D</i> , 2012 , 86,	4.9	59
501	Search for doubly charged Higgs bosons at LEP2. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2003 , 552, 127-137	4.2	59
500	Production of J/ψ and $\psi(2S)$ mesons in pp collisions at $\sqrt{s} = 8$ TeV. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	58
499	Search for the rare decays $B_s^0 \rightarrow \mu^+ \mu^-$ and $B^0 \rightarrow \mu^+ \mu^-$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 699, 330-340	4.2	58
498	Measurement of the $\Lambda_b(0)$, $\Lambda_b(-)$, and $\Lambda_b(-)$ Baryon masses. <i>Physical Review Letters</i> , 2013 , 110, 182001	7.4	57
497	A study of the energy evolution of event shape distributions and their means with the DELPHI detector at LEP. <i>European Physical Journal C</i> , 2003 , 29, 285-312	4.2	57
496	Amplitude analysis of $B \rightarrow \bar{K}^* K^+$ decays. <i>Physical Review D</i> , 2017 , 95,	4.9	56
495	Measurement of b-hadron masses. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 708, 241-248	4.2	55
494	Observation of the decay $B(c)(+) \rightarrow \bar{B}(s)(0) \mu^+$. <i>Physical Review Letters</i> , 2013 , 111, 181801	7.4	55
493	Determination of the sign of the decay width difference in the $B(s)(0)$ system. <i>Physical Review Letters</i> , 2012 , 108, 241801	7.4	55
492	Search for the X(4140) state in $B \rightarrow \bar{K}^* K^+$ decays. <i>Physical Review D</i> , 2012 , 85,	4.9	55

491	Differential branching fraction and angular analysis of $B \rightarrow b - \bar{b} \mu \mu$ decays. <i>Journal of High Energy Physics</i> , 2015 , 2015,	5-4	54
490	Measurement of resonant and CP components in $B \rightarrow s_0 - \bar{b} \mu \mu$ decays. <i>Physical Review D</i> , 2014 , 89,	4-9	54
489	Precision measurement of CP violation in $B(S)(0) - \bar{b} \mu \mu + K^-$ decays. <i>Physical Review Letters</i> , 2015 , 114, 041801	7-4	53
488	Dalitz plot analysis of $B_0 - \bar{D} \mu \mu$ decays. <i>Physical Review D</i> , 2015 , 92,	4-9	53
487	Measurements of $B(c)^+$ production and mass with the $B(c)^+ - \bar{f} J / \mu$ decay. <i>Physical Review Letters</i> , 2012 , 109, 232001	7-4	53
486	Measurement of the resonant and CP components in $B \rightarrow 0 - \bar{b} \mu \mu$ decays. <i>Physical Review D</i> , 2014 , 90,	4-9	52
485	Measurement of b-hadron branching fractions for two-body decays into charmless charged hadrons. <i>Journal of High Energy Physics</i> , 2012 , 2012,	5-4	51
484	Observation of a New $\chi_{b}^{\{-\}}$ Resonance. <i>Physical Review Letters</i> , 2018 , 121, 072002	7-4	50
483	First observation of the decay $B(c)^+ - \bar{f} J / \mu + \mu \mu$. <i>Physical Review Letters</i> , 2012 , 108, 251802	7-4	50
482	b-tagging in DELPHI at LEP. <i>European Physical Journal C</i> , 2004 , 32, 185-208	4-2	50
481	Precision measurement of the $B_0 \rightarrow \bar{B}_0$ oscillation frequency with the decay $B_0 \rightarrow \bar{D} \mu \mu$. <i>New Journal of Physics</i> , 2013 , 15, 053021	2-9	49
480	Analysis of the resonant components in $B \rightarrow 0 - \bar{b} \mu \mu$ <i>Physical Review D</i> , 2013 , 87,	4-9	49
479	Search for long-lived scalar particles in $B^+ \rightarrow K^+ \mu \mu$ decays. <i>Physical Review D</i> , 2017 , 95,	4-9	48
478	Precision measurement of D meson mass differences. <i>Journal of High Energy Physics</i> , 2013 , 2013,	5-4	48
477	Measurements of the S-wave fraction in $B_0 \rightarrow \bar{K}^+ \mu \mu$ decays and the $B_0 \rightarrow \bar{K}^* (892) 0 \mu \mu$ differential branching fraction. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5-4	48
476	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
475	Measurements of CP violation in the three-body phase space of charmless $B \mu \mu$ decays. <i>Physical Review D</i> , 2014 , 90,	4-9	47
474	Searches for Majorana neutrinos in $B \mu \mu$ decays. <i>Physical Review D</i> , 2012 , 85,	4-9	47

473	Single intermediate vector boson production in e^+e^- collisions * at $(\sqrt{s} = \sqrt{183-209})$ GeV. <i>European Physical Journal C</i> , 2006 , 45, 273-289	4.2	47
472	Observation of $B_c^+\beta/D_s^+$ and $B_c^+\beta/D_s^{*+}$ decays. <i>Physical Review D</i> , 2013 , 87,	4.9	46
471	Measurement of matter-antimatter differences in beauty baryon decays. <i>Nature Physics</i> , 2017 , 13, 391-396.	6.2	45
470	Measurement of B meson production cross-sections in proton-proton collisions at $(\sqrt{s}=7)$ TeV. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	45
469	Observation of D_0 - \bar{D}_0 oscillations. <i>Physical Review Letters</i> , 2013 , 110, 101802	7.4	45
468	Amplitude analysis of $B\bar{D}^+\pi^0$ decays. <i>Physical Review D</i> , 2016 , 94,	4.9	45
467	Measurement of the Lifetime of the Doubly Charmed Baryon Ξ_{cc}^{++} . <i>Physical Review Letters</i> , 2018 , 121, 052002	7.4	44
466	Precision measurement of the ratio of the . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 734, 122-130	4.2	43
465	Measurement of the cross-section for Z - ν_e - e^- production in pp collisions at $(\sqrt{s}=7)$ TeV. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	43
464	First evidence of direct CP violation in charmless two-body decays of B_s^0 mesons. <i>Physical Review Letters</i> , 2012 , 108, 201601	7.4	43
463	Observation of a resonance in $B^+\pi^0K^+\pi^0$ decays at low recoil. <i>Physical Review Letters</i> , 2013 , 111, 112003.	7.4	43
462	Measurement of CP asymmetry in $D^0 \rightarrow \pi^0 K^+ K^-$ and $D^0 \rightarrow \pi^0 K^+ K^0$ decays. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	42
461	Measurement of the $B_s^0 \rightarrow B^0 \pi^0$ oscillation frequency Δm_s in $B_s^0 \rightarrow D_s(B)\pi^0$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 709, 177-184	4.2	42
460	Measurement of the exclusive π^0 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
459	Measurement of the ratio of prompt . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 718, 431-440	4.2	42
458	First observation of the decay $B_s^{*2}(5840)(0) \rightarrow B^{*+} K^-$ and studies of excited $B_s(0)$ mesons. <i>Physical Review Letters</i> , 2013 , 110, 151803	7.4	42
457	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
456	Search for the doubly charmed baryon (Ξ_{cc}^{++}) . <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	41

455	Measurements of the B^0 - \bar{B}^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> , 2013 , 724, 27-35	4.2	41
454	Measurement of the cross-section ratio R_{B^0} . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 714, 215-223	4.2	41
453	Search for the Decays $B_{s1}^0 \rightarrow B^+ \pi^-$ and $B^+ \rightarrow B^0 \pi^+$. <i>Physical Review Letters</i> , 2017 , 118, 251802	7.4	40
452	Study of multi-muon bundles in cosmic ray showers detected with the DELPHI detector at LEP. <i>Astroparticle Physics</i> , 2007 , 28, 273-286	2.4	40
451	Opposite-side flavour tagging of mesons at the LHCb experiment. <i>European Physical Journal C</i> , 2012 , 72, 2022	4.2	39
450	Differential branching fraction and angular analysis of the decay $B^0 \rightarrow K^{*0} \pi^0$. <i>Physical Review Letters</i> , 2012 , 108, 181806	7.4	39
449	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
448	First observation of the decay $(B_c^+ \rightarrow \{J/\psi \{K^+\}\})$. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	36
447	Jet production in ep collisions at high Q^2 and determination of α_s . <i>European Physical Journal C</i> , 2010 , 65, 363-383	4.2	36
446	Study of inclusive J/ψ production in two-photon collisions at LEP II with the DELPHI detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2003 , 565, 76-86	4.2	36
445	Search for massive long-lived particles decaying semileptonically in the LHCb detector. <i>European Physical Journal C</i> , 2017 , 77, 224	4.2	35
444	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
443	Measurement of B^0 polarisation in $B^0 \rightarrow K^{*0} \pi^0$ collisions at $\sqrt{s}=7$ TeV. <i>European Physical Journal C</i> , 2014 , 74, 2872	4.2	35
442	Observation of two new $\Lambda(b)$ baryon resonances. <i>Physical Review Letters</i> , 2015 , 114, 062004	7.4	35
441	First observation of the decay $B^+ \rightarrow \pi^+ \Lambda(1520)^0$. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	35
440	Search for one large extra dimension with the DELPHI detector at LEP. <i>European Physical Journal C</i> , 2009 , 60, 17-23	4.2	35
439	Search for lepton number violating decays $B^+ \rightarrow \pi^+ \mu^+ \mu^-$ and $B^+ \rightarrow K^+ \mu^+ \mu^-$. <i>Physical Review Letters</i> , 2012 , 108, 101601	7.4	35
438	Search for single top production via FCNC at LEP at $\sqrt{s}=189.08$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2004 , 590, 21-34	4.2	35

437	Measurement of forward W and Z boson production in pp collisions at $\sqrt{s}=8$ TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016,	5-4	34
436	Measurement of the CP violating phase ϕ_1 . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 707, 497-505	4-2	34
435	Quantum numbers of the X(3872) state and orbital angular momentum in its DJ/ψ decay. <i>Physical Review D</i> , 2015 , 92,	4-9	34
434	Measurement of D^0 - \bar{D}^0 mixing parameters and search for CP violation using $D^0 \rightarrow K^+ \pi^-$ decays. <i>Physical Review Letters</i> , 2013 , 111, 251801	7-4	34
433	Absolute luminosity measurements with the LHCb detector at the LHC. <i>Journal of Instrumentation</i> , 2012 , 7, P01010-P01010	1	34
432	Study of the $D^0 \rightarrow \rho^+ \pi^-$ amplitude in $D^0 \rightarrow b \rightarrow \bar{D}^0 \rho^+ \pi^-$ decays. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5-4	33
431	Measurement of the CP-violating phase ϕ_1 in $B_{\text{c}}^0 \rightarrow \bar{D}^0 \pi^+$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 736, 186-195	4-2	33
430	Measurement of the CKM angle Γ from a combination of $B_{\text{c}}^0 \rightarrow D^0 \pi^+$ analyses. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 726, 151-163	4-2	33
429	Study of $\chi_{\text{c}1}(\text{b})$ meson production in $\text{p} \rightarrow \text{p}$ collisions at $\sqrt{s}=7$ and $\sqrt{s}=8$ TeV. <i>European Physical Journal C</i> , 2014 , 74,	4-2	33
428	Measurement of the ϕ_1 . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 713, 186-195	4-2	33
427	Identification of beauty and charm quark jets at LHCb. <i>Journal of Instrumentation</i> , 2015 , 10, P06013-P06013		32
426	Measurement of the τ meson lifetime using D^0 decays. <i>European Physical Journal C</i> , 2014 , 74, 2839	4-2	32
425	Precision measurement of the $B(0)$ baryon lifetime. <i>Physical Review Letters</i> , 2013 , 111, 102003	7-4	32
424	Amplitude analysis and branching fraction measurement of $B_{\text{c}}^0 \rightarrow \bar{K}^0 \pi^+$. <i>Physical Review D</i> , 2013 , 87,	4-9	32
423	Study of W-boson polarisations and triple gauge boson couplings in the reaction $e^+e^- \rightarrow W^+W^-$ at LEP 2. <i>European Physical Journal C</i> , 2008 , 54, 345-364	4-2	32
422	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
421	Measurement of the relative rate of prompt τ_0 , τ_1 and τ_2 production at $(\sqrt{s}=7)$ TeV. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5-4	31
420	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

4 ¹⁹	Measurement of the flavour-specific CP-violating asymmetry . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 728, 607-615	4.2	3 ¹
4 ¹⁸	Measurement of the CP-violating phase . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 713, 378-386	4.2	3 ¹
4 ¹⁷	Measurement of the . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 718, 902-909	4.2	3 ¹
4 ¹⁶	Study of the kinematic dependences of D^0 b production in pp collisions and a measurement of the D^0 b \rightarrow c branching fraction. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	3 ⁰
4 ¹⁵	Search for $D(s)^+ \rightarrow \mu^+ \mu^+ \mu^-$ and $D(s)^+ \rightarrow \mu^+ \mu^- \mu^-$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 724, 203-212	4.2	3 ⁰
4 ¹⁴	First observation and amplitude analysis of the $B^0 \rightarrow K^0 \mu^+ \mu^-$ decay. <i>Physical Review D</i> , 2015 , 91,	4.9	3 ⁰
4 ¹³	Precision measurement of the mass and lifetime of the $(\Lambda_b)^0$ baryon. <i>Physical Review Letters</i> , 2014 , 113, 032001	7.4	3 ⁰
4 ¹²	Searches for invisibly decaying Higgs bosons with the DELPHI detector at LEP. <i>European Physical Journal C</i> , 2004 , 32, 475-492	4.2	3 ⁰
4 ¹¹	Observation of the D^0 b \rightarrow c $\mu^+ \mu^-$ decay. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	2 ⁹
4 ¹⁰	Observation of photon polarization in the $b \rightarrow s \mu^+ \mu^-$ transition. <i>Physical Review Letters</i> , 2014 , 112, 161801	7.4	2 ⁹
4 ⁰⁹	Search for the rare decays . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 708, 55-67	4.2	2 ⁹
4 ⁰⁸	Measurement of the ratio of branching fractions $B(B^0 \rightarrow K^0 \mu^+ \mu^-)/B(B^0 \rightarrow \pi^+ \mu^- \mu^+)$ and the direct CP asymmetry in $B^0 \rightarrow K^0 \mu^+ \mu^-$ <i>Nuclear Physics B</i> , 2013 , 867, 1-18	2.8	2 ⁹
4 ⁰⁷	Search for direct CP violation in . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 723, 33-43	4.2	2 ⁹
4 ⁰⁶	Measurement of the differential branching fraction of the decay . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 725, 25-35	4.2	2 ⁹
4 ⁰⁵	Final results from DELPHI on the searches for SM and MSSM neutral Higgs bosons. <i>European Physical Journal C</i> , 2004 , 32, 145-183	4.2	2 ⁹
4 ⁰⁴	Observation of Two Resonances in the $B^0 \rightarrow \mu^+ \mu^- \mu^+ \mu^-$ Systems and Precise Measurement of $B^0 \rightarrow \mu^+ \mu^- \mu^+ \mu^-$ and $B^0 \rightarrow \mu^+ \mu^- \mu^+ \mu^-$ Properties. <i>Physical Review Letters</i> , 2019 , 122, 012001	7.4	2 ⁹
4 ⁰³	Measurement of the semileptonic CP asymmetry in $B^0 \rightarrow B[\text{over } \mu] \mu$ mixing. <i>Physical Review Letters</i> , 2015 , 114, 041601	7.4	2 ⁸
4 ⁰²	Measurement of J/ψ production in pp collisions at $(\sqrt{s}=2.76;\text{TeV})$. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	2 ⁸

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400	Measurement of the mass and width of the W boson in e+e- collisions at $\sqrt{s} = 161\text{--}209$ GeV. <i>European Physical Journal C</i> , 2008 , 55, 1	4.2	28
399	Measurement of the W-pair production cross-section and W branching ratios in e + e - collisions at $\sqrt{s} = 161\text{--}209$ GeV. <i>European Physical Journal C</i> , 2004 , 34, 127-144	4.2	28
398	Study of prompt D 0 meson production in pPb collisions at $(\sqrt{s_{\text{NN}}}) = 5$ TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	27
397	Addendum: Observation of double charm production involving open charm in pp collisions at $(\sqrt{s}) = 7$ TeV. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	27
396	Study of (φ) production and cold nuclear matter effects in pPb collisions at $(\sqrt{s_{\text{NN}}}) = 5$ TeV. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	27
395	Searches for violation of lepton flavour and baryon number in tau lepton decays at LHCb. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 724, 36-45	4.2	27
394	First measurement of the differential branching fraction and CP asymmetry of the $B \rightarrow \tau^+ \nu_\tau \tau^- \bar{\nu}_\tau$ decay. <i>Journal of High Energy Physics</i> , 2015 , 2015,	5.4	27
393	Prompt and nonprompt J/ψ production and nuclear modification in pPb collisions at $s_{\text{NN}}=8.16$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017 , 774, 159-178	4.2	26
392	Search for long-lived particles decaying to jet pairs. <i>European Physical Journal C</i> , 2015 , 75, 152	4.2	26
391	Precision measurement of the mass and lifetime of the Λ_b^0 baryon. <i>Physical Review Letters</i> , 2014 , 113, 242002	7.4	26
390	Evidence for an resonance in decays. <i>European Physical Journal C</i> , 2018 , 78, 1019	4.2	26
389	Measurement of the phase difference between short- and long-distance amplitudes in the $[B \rightarrow \tau^+ \nu_\tau \tau^- \bar{\nu}_\tau]$ decay. <i>European Physical Journal C</i> , 2017 , 77, 161	4.2	25
388	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
387	First measurement of time-dependent CP violation in $(B_s^0 \rightarrow \{K^+\} \{K^-\})$ decays. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	25
386	Evidence for the decay $B_0 \rightarrow \tau^+ \nu_\tau$ and measurement of the relative branching fractions of B_s^0 meson decays to J/ψ and J/ψ . <i>Nuclear Physics B</i> , 2013 , 867, 547-566	2.8	25
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384	Model-independent confirmation of the $Z(4430)$ state. <i>Physical Review D</i> , 2015 , 92,	4.9	25

383	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
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381	Search for the lepton-flavor-violating decays $B(s) \rightarrow \ell^+ \ell^- \mu^+ \mu^-$ and $B \rightarrow \ell^+ \ell^- \mu^+ \mu^-$. <i>Physical Review Letters</i> , 2013 , 111, 141801	7.4	25
380	A study of the b-quark fragmentation function with the DELPHI detector at LEP I and an averaged distribution obtained at the Z Pole. <i>European Physical Journal C</i> , 2011 , 71, 1	4.2	25
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378	Measurement of the B_0 decay form factor. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2004 , 585, 63-84	4.2	25
377	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
376	Measurement of charged particle multiplicities in pp collisions at ($\sqrt{s}=7$ TeV) in the forward region. <i>European Physical Journal C</i> , 2012 , 72, 1	4.2	24
375	Measurement of the CP -violating phase $\arg(B_0 \rightarrow J/\psi)$ 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
374	First observation of a baryonic B_c^+ decay. <i>Physical Review Letters</i> , 2014 , 113, 152003	7.4	24
373	Study of D_{sJ} decays to $\{D^+ K_{\mathrm{S}}^0\}$ and $D^0 K^+$ final states in pp collisions. <i>Journal of High Energy Physics</i> , 2012 , 2012,	5.4	24
372	Measurement and interpretation of fermion-pair production at LEP energies above the Z resonance. <i>European Physical Journal C</i> , 2006 , 45, 589-632	4.2	24
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370	Measurement of Υ production in pp collisions at $\sqrt{s}=2.76$ TeV. <i>European Physical Journal C</i> , 2014 , 74,	4.2	23
369	Search for the rare decay $D_0^+ \rightarrow \pi^+ \pi^0$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 725, 15-24	4.2	23
368	Measurement of the shape of the $B_0 \rightarrow \pi^+ \pi^0$ differential decay rate. <i>Physical Review D</i> , 2017 , 96,	4.9	23
367	Updated search for long-lived particles decaying to jet pairs. <i>European Physical Journal C</i> , 2017 , 77, 812	4.2	23
366	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

365	Measurement of prompt hadron production ratios in pp collisions at $\sqrt{s} = 0.9$ and 7 TeV. <i>European Physical Journal C</i> , 2012 , 72, 1	4.2	23
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363	Measurement of $ V_{cb} $ using the semileptonic decay $\overline{B}^0 \rightarrow D^+ e^- \overline{\nu}_e$. <i>European Physical Journal C</i> , 2004 , 33, 213-232	4.2	23
362	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
361	Search for the lepton flavour violating decay $B \rightarrow \mu \tau$. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	22
360	Search for Violations of Lorentz Invariance and CPT Symmetry in $B_{(s)}$ Mixing. <i>Physical Review Letters</i> , 2016 , 116, 241601	7.4	22
359	Measurements of the B^+ , B^0 , B_s^0 meson and Λ_b^0 baryon lifetimes. <i>Journal of High Energy Physics</i> , 2014 , 2014,	5.4	22
358	First observation of the decay $B^0 \rightarrow \mu^+ \mu^-$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 709, 50-58	4.2	22
357	Measurement of the $B^0 \rightarrow K^* e^+ e^-$ branching fraction at low dilepton mass. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	22
356	Observation of the Decays $B^0 \rightarrow \mu^+ \mu^-$ and $B^0 \rightarrow \mu^+ \mu^-$. <i>Physical Review Letters</i> , 2017 , 119, 062001	7.4	22
355	Measurement of CP Violation in $B^0 \rightarrow S^0$ Decays. <i>Physical Review Letters</i> , 2015 , 115, 031601	7.4	22
354	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> , 2015 , 2015, 1	5.4	22
353	Measurement of the $B^0 \rightarrow B^0$ and $B_s^0 \rightarrow B_s^0$ production asymmetries in pp collisions at $\sqrt{s} = 7$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 739, 218-228	4.2	22
352	Measurement of mixing and CP violation parameters in two-body charm decays. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	22
351	Observation of $B^0 \rightarrow K^0 K^+ K^-$ and evidence for $B(s) \rightarrow K^0 K^+ K^-$. <i>Physical Review Letters</i> , 2012 , 109, 131801	7.4	22
350	Determination of heavy quark non-perturbative parameters from spectral moments in semileptonic B decays. <i>European Physical Journal C</i> , 2006 , 45, 35-59	4.2	22
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348	The measurement of (α_s) from event shapes with the DELPHI detector at the highest LEP energies. <i>European Physical Journal C</i> , 2004 , 37, 1-23	4.2	22

347	Search for supersymmetric particles in light gravitino scenarios and sleptons NLSP. <i>European Physical Journal C</i> , 2003 , 27, 153-172	4.2	22
346	Measurement of Antiproton Production in p-He Collisions at $\sqrt{s_{NN}}=110$ GeV. <i>Physical Review Letters</i> , 2018 , 121, 222001	7.4	22
345	Forward production of Λ mesons in pp collisions at ($\sqrt{s}=7$) and 8 TeV. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	21
344	Study of Beauty Hadron Decays into Pairs of Charm Hadrons. <i>Physical Review Letters</i> , 2014 , 112,	7.4	21
343	Measurement of the CP asymmetry in $B(0)-\bar{K}^{*0}[\pi^+\pi^-]$ decays. <i>Physical Review Letters</i> , 2013 , 110, 031801	7.4	21
342	Study of triple-gauge-boson couplings ZZZ, ZZ γ and Z γ γ at LEP. <i>European Physical Journal C</i> , 2007 , 51, 525-542	4.2	21
341	Search for beautiful tetraquarks in the $\psi(1S)$ invariant-mass spectrum. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	21
340	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> , 2014 , 74, 2888	4.2	20
339	Observation of the decay $(B_c^{+}) \rightarrow \pi^+ K^0 + K^+ \pi^0$. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	20
338	The Timepix Telescope for high performance particle tracking. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2013 , 723, 47-54	1.2	20
337	Study of J/ψ Production in Jets. <i>Physical Review Letters</i> , 2017 , 118, 192001	7.4	20
336	Angular analysis of the $B_0 \rightarrow \pi^+ 0 e^+ e^-$ decay in the low- q^2 region. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	20
335	Study of forward Z + jet production in pp collisions at (\sqrt{s}) = 7 TeV. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	20
334	A model-independent Dalitz plot analysis of $B \rightarrow \pi^+ \pi^- \pi^0$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 718, 43-55	4.2	20
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332	Prompt $B \rightarrow \pi^+ \pi^- \pi^0$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2010 , 693, 69-80	4.2	20
331	Search for fermiophobic Higgs bosons in final states with photons at LEP 2. <i>European Physical Journal C</i> , 2004 , 35, 313-324	4.2	20
330	ZZ production in $e^+ e^-$ interactions at (\sqrt{s}) = 183-209 GeV. <i>European Physical Journal C</i> , 2003 , 30, 447-466	4.2	20

- 329 Measurements of the branching fractions of $[B \rightarrow K^* \ell^+ \ell^-]$ decays. *European Physical Journal C*, **2013**, 73, 2462 4.2 19
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- 326 Measurement of the $B \rightarrow K^* \ell^+ \ell^-$ production cross-section in pp collisions at $(\sqrt{s}) = 7$ TeV. *Journal of High Energy Physics*, **2012**, 2012, 1 5.4 19
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- 321 Searches for (Λ_b^0) and (Ξ_b^0) decays to $(K_{\text{charm}}^0 \pi^{\pm})$ and $(K_{\text{charm}}^0 \pi^{\pm})$ final states with first observation of the $(\Lambda_b^0 \rightarrow K_{\text{charm}}^0 \pi^{\pm})$ decay. *Journal of High Energy Physics*, **2014**, 2014, 1 5.4 18
- 320 Angular analysis of charged and neutral $B \rightarrow K^* \ell^+ \ell^-$ decays. *Journal of High Energy Physics*, **2014**, 2014, 1 5.4 18
- 319 Measurements of indirect CP asymmetries in $D^0 \rightarrow K^+ K^-$ and $D^0 \rightarrow \ell^+ \ell^-$ decays. *Physical Review Letters*, **2014**, 112, 041801 7.4 18
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- 312 Measurement of forward Z $\rightarrow e^+e^-$ production at $(\sqrt{s}=8)$ TeV. *Journal of High Energy Physics*, **2015**, 2015, 1 5.4 17

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310	Observation of $B(s)(0)\text{-}f_1/f_1(1285)$ decays and measurement of the $f_1(1285)$ mixing angle. <i>Physical Review Letters</i> , 2014 , 112, 091802	7.4	17
309	Measurement of the $B(3P)$ mass and of the relative rate of $B(1P)$ and $B(2P)$ production. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	17
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302	Study of B_{c+} decays to the $K+K\pi$ final state and evidence for the decay $B_{c+}\text{-}B0\pi$. <i>Physical Review D</i> , 2016 , 94,	4.9	17
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295	Observation of $\bar{D}(2S)\text{-}\bar{D}p$ and search for $X(3872)\text{-}\bar{D}p$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017 , 769, 305-313	4.2	16
294	Measurements of prompt charm production cross-sections in pp collisions at $s = 5\ \text{TeV}$. <i>Journal of High Energy Physics</i> , 2017 , 2017,	5.4	16

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291	Search for CP violation using T-odd correlations in $D^0 \rightarrow K^+ K^- \pi^0$ decays. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	16
290	Observations of $\Lambda(1520)$. <i>Nuclear Physics B</i> , 2013 , 871, 403-419	2.8	16
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287	Search for Higgs-like bosons decaying into long-lived exotic particles. <i>European Physical Journal C</i> , 2016 , 76, 664	4.2	16
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285	Search for the lepton-flavour violating decays $B^0(s) \rightarrow e^+ \mu^- \pi^0$. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	15
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282	Measurement of the $B^0 \rightarrow D^0$ oscillation frequency Δm_d with the decays $B^0 \rightarrow D^0 \pi^0$ and $B^0 \rightarrow D^0 \pi^+ \pi^-$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 719, 318-325	4.2	15
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273	Measurement of the properties of the Λ_b^0 baryon. <i>Journal of High Energy Physics</i> , 2016 , 2016,	5.4	15
272	Evidence for the decay $(B_{s^0} \rightarrow \overline{K}^0 \mu^+ \mu^-)$. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	15
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270	Measurement of indirect CP asymmetries in $D_0 \rightarrow K^+ \pi^-$ and $D_0 \rightarrow K^0 \pi^+$ decays using semileptonic B decays. <i>Journal of High Energy Physics</i> , 2015 , 2015,	5.4	14
269	Search for CP violation in $D \rightarrow K^+ \pi^-$ and $(D_{s^+} \rightarrow K_{s^0} \pi^+)$ decays. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	14
268	Study of $B_{(s)}^0 \rightarrow K_{\text{charm}}^0 \{h^+ h^{\prime-}\}$ decays with first observation of $B_{s^0} \rightarrow K_{\text{charm}}^0 \{K^{\pm} \pi^{\mp}\}$ and $B_{s^0} \rightarrow K_{\text{charm}}^0 \{K^+ \pi^-\}$. <i>Journal of High Energy Physics</i> , 2013 , 2013,	5.4	14
267	Observation of $B_{(s)}^0 \rightarrow \overline{B}_{(s)}^0$ mixing and measurement of mixing frequencies using semileptonic B decays. <i>European Physical Journal C</i> , 2013 , 73,	4.2	14
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264	Evidence for the Strangeness-Changing Weak Decay $\Lambda_b^- \rightarrow \bar{b}^0 \pi^-$. <i>Physical Review Letters</i> , 2015 , 115, 241801	7.4	14
263	Evidence for CP violation in $B^+ \rightarrow \pi^0 K^+$ decays. <i>Physical Review Letters</i> , 2014 , 113, 141801	7.4	14
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244	Measurement of CP violation and constraints on the CKM angle $\sin 2\beta$ with $D - K_S^0$ decays. <i>Nuclear Physics B</i> , 2014 , 888, 169-193	2.8	13
243	Measurement of CP violation in $B_{s0} - \tau$ decays. <i>Physical Review D</i> , 2014 , 90,	4.9	13
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96	Observation of the decay $B_s^0 \rightarrow \overline{D}^0 K^+ K^-$ <i>Physical Review D</i> , 2018 , 98,	4.9	6

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