

Ulrik Egede

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/235739/ulrik-egede-publications-by-year.pdf>

Version: 2024-04-26

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

859
papers

29,875
citations

79
h-index

136
g-index

899
ext. papers

36,483
ext. citations

5.6
avg. IF

5.9
L-index

#	Paper	IF	Citations
859	Measurement of prompt charged-particle production in pp collisions at $\sqrt{s} = 13$ TeV. <i>Journal of High Energy Physics</i> , 2022 , 2022, 1	5.4	2
858	Measurement of the $B_{s0} \rightarrow \mu\mu$ decay properties and search for the $B_0 \rightarrow \mu\mu$ and $B_{s0} \rightarrow \mu\mu$ decays. <i>Physical Review D</i> , 2022 , 105,	4.9	1
857	Study of $\mathcal{B}(\mathcal{B}_{(c)}^+ \rightarrow \text{charmonia} + \text{three light hadrons})$. <i>Journal of High Energy Physics</i> , 2022 , 2022, 1	5.4	
856	Search for the radiative $\mathcal{B}(\chi_{b0} \rightarrow \mu\mu)$ decay. <i>Journal of High Energy Physics</i> , 2022 , 2022, 1	5.4	0
855	Precise determination of the $B_{(s)}^0 \rightarrow \overline{B}_{(s)}^0$ oscillation frequency. <i>Nature Physics</i> , 2022 , 18, 1-5	16.2	0
854	Measurement of the W boson mass. <i>Journal of High Energy Physics</i> , 2022 , 2022, 1	5.4	0
853	Analysis of Neutral B-Meson Decays into Two Muons.. <i>Physical Review Letters</i> , 2022 , 128, 041801	7.4	2
852	Measurement of $\mathcal{B}(1(3872))$ production in proton-proton collisions at $\sqrt{s} = 8$ and 13 TeV. <i>Journal of High Energy Physics</i> , 2022 , 2022, 1	5.4	0
851	Evidence for a New Structure in the J/ψ and $J/\psi[\text{over } \chi]$ Systems in $B_{(s)}^0 \rightarrow J/\psi p[\text{over } \chi]$ Decays.. <i>Physical Review Letters</i> , 2022 , 128, 062001	7.4	0
850	Identification of charm jets at LHCb. <i>Journal of Instrumentation</i> , 2022 , 17, P02028	1	0
849	Study of Z Bosons Produced in Association with Charm in the Forward Region.. <i>Physical Review Letters</i> , 2022 , 128, 082001	7.4	0
848	Observation of $\mathcal{B}(\Lambda_b^0 \rightarrow D+p)$ and $\mathcal{B}(\Lambda_b^0 \rightarrow D^*+p)$ decays. <i>Journal of High Energy Physics</i> , 2022 , 2022, 1	5.4	
847	Test of lepton universality in beauty-quark decays. <i>Nature Physics</i> , 2022 , 18, 277-282	16.2	2
846	Searches for rare $\mathcal{B}(B_{(s)}^0 \rightarrow \mu\mu)$ and B_0 decays into four muons. <i>Journal of High Energy Physics</i> , 2022 , 2022, 1	5.4	0
845	Measurement of the Nuclear Modification Factor and Prompt Charged Particle Production in p-Pb and pp Collisions at $\sqrt{s_{NN}}=5$ TeV.. <i>Physical Review Letters</i> , 2022 , 128, 142004	7.4	0
844	Study of charmonium and charmonium-like contributions in $B^+ \rightarrow J/\psi K^+$ decays. <i>Journal of High Energy Physics</i> , 2022 , 2022, 1	5.4	0
843	Observation of Two New Excited $\chi_{(b)}^0$ States Decaying to $\chi_{(b)}^0 K^+ \pi^-$.. <i>Physical Review Letters</i> , 2022 , 128, 162001	7.4	0

842	Search for the decay $B^0 \rightarrow J/\psi \pi^0$. <i>Journal of High Energy Physics</i> , 2022 , 2022, 1	5.4	0
841	Centrality determination in heavy-ion collisions with the LHCb detector. <i>Journal of Instrumentation</i> , 2022 , 17, P05009	1	0
840	Angular analysis of the rare decay $(B_s^0) \rightarrow J/\psi \pi^0$. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	1
839	First measurement of the (CP)-violating phase in $(B^0 \rightarrow J/\psi) (e^+e^-) (\phi)$ decays. <i>European Physical Journal C</i> , 2021 , 81, 1	4.2	0
838	Measurement of J/ψ production cross-sections in pp collisions at $(\sqrt{s}) = 5$ TeV. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	1
837	Branching Fraction Measurements of the Rare $B_{s^0} \rightarrow f_2^+(1525) \pi^+$ and $B_{s^0} \rightarrow f_2^+(1525) \pi^0$ Decays. <i>Physical Review Letters</i> , 2021 , 127, 151801	7.4	5
836	Observation of a $(\Lambda_b^0) (\overline{\Lambda}_b^0)$ production asymmetry in proton-proton collisions at $(\sqrt{s}) = 7$ and 8 TeV. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	0
835	Observation of a New Excited D_{s^+} Meson in $B^0 \rightarrow D^+ D^+ K^+ \pi^-$ Decays. <i>Physical Review Letters</i> , 2021 , 126, 122002	7.4	3
834	Observation of Multiplicity Dependent Prompt $\chi_{c1}(3872)$ and (χ_{c2}) Production in pp Collisions. <i>Physical Review Letters</i> , 2021 , 126, 092001	7.4	4
833	Measurement of the CKM angle $\Delta \arg(B_{s^0} \rightarrow \overline{B}_{s^0})$ mixing frequency with $(B_{s^0} \rightarrow D_{s^+}^{\mp} h^{\pm} \pi^{\pm} \pi^{\mp})$ decays. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	0
832	Observation of the $(B_s^0) \rightarrow D^* \pi^0$ decay. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	2
831	Search for heavy neutral leptons in $(W^+ \rightarrow \mu^+ \mu^{\pm} \text{jet})$ decays. <i>European Physical Journal C</i> , 2021 , 81, 1	4.2	3
830	Averages of b-hadron, c-hadron, and (τ) -lepton properties as of 2018. <i>European Physical Journal C</i> , 2021 , 81, 1	4.2	68
829	Measurement of CP Violation in the Decay $B^+ \rightarrow K^+ \pi^0$. <i>Physical Review Letters</i> , 2021 , 126, 091802	7.4	1
828	Observation of CP violation in two-body $(B_{(s)}^0)$ -meson decays to charged pions and kaons. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	1
827	Measurement of CP observables in $B_{(s)}^0 \rightarrow D^*(K)$ and $B_{(s)}^0 \rightarrow D^*(\pi)$ decays using two-body D final states. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	2
826	Search for the rare decay $B^0 \rightarrow J/\psi^*$. <i>Chinese Physics C</i> , 2021 , 45, 043001	2.2	1
825	Measurement of the branching fraction of the $(B^0 \rightarrow D^+ \pi^-)$ decay. <i>European Physical Journal C</i> , 2021 , 81, 1	4.2	2

824	Angular Analysis of the $B^+ \rightarrow K^{*+} \pi^+ \pi^-$ Decay. <i>Physical Review Letters</i> , 2021 , 126, 161802	7.4	14
823	Observation of the $B^0 \rightarrow \pi^+ K^+ K^-$ decay. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2021 , 815, 136172	4.2	0
822	Observation of the decay ($\Lambda_b^0 \rightarrow \Lambda^0 p$). <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	0
821	Searches for 25 rare and forbidden decays of D^+ and (D_s^+) mesons. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	0
820	Angular analysis of ($B^0 \rightarrow D^{*+} D_s^{*-}$) with ($D_s^{*+} \rightarrow D_s^+ \gamma$) decays. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	
819	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> , 2021 , 2021, 1	5.4	1
818	Observation of a new B^0 state. <i>Physical Review D</i> , 2021 , 103,	4.9	4
817	Study of ($B_s^0 \rightarrow J/\psi K^+ K^-$) decays. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	2
816	First Observation of the Decay $B_{(s)}^0 \rightarrow K^{*+} \pi^- \pi^0$ and a Measurement of $ V_{ub} / V_{cb} $. <i>Physical Review Letters</i> , 2021 , 126, 081804	7.4	7
815	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> , 2021 , 2021, 1	5.4	1
814	Measurement of the CKM angle β in $B^+ \rightarrow DK^+$ and $B^+ \rightarrow D^+ K^0$ decays with $D \rightarrow (K^+ S^0) h^+$. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	0
813	Search for long-lived particles decaying to ($e^+ \mu^-$) ($\mu^+ \mu^-$) (ν). <i>European Physical Journal C</i> , 2021 , 81, 1	4.2	3
812	Observation of new excited $B_{(s)}^0$ states. <i>European Physical Journal C</i> , 2021 , 81,	4.2	2
811	Precise measurement of the f_s/f_d ratio of fragmentation fractions and of B_s^0 decay branching fractions. <i>Physical Review D</i> , 2021 , 104,	4.9	6
810	Observation of New Resonances Decaying to $J/\psi \pi^+$ and J/ψ . <i>Physical Review Letters</i> , 2021 , 127, 082001	7.4	11
809	Search for the doubly charmed baryon Ξ_{cc} . <i>Science China: Physics, Mechanics and Astronomy</i> , 2021 , 64, 1	3.6	0
808	Search for CP violation in $B^+ \rightarrow \rho^+ K^0$ decays. <i>Physical Review D</i> , 2021 , 104,	4.9	2
807	Search for the doubly heavy baryons Ξ_{cc} and Ξ_{bb} decaying to $\Lambda_c^+ \Lambda_b^0$ and $\Lambda_c^+ \Lambda_b^+$. <i>Chinese Physics C</i> , 2021 , 45, 093002	2.2	3

806	Observation of the Mass Difference between Neutral Charm-Meson Eigenstates. <i>Physical Review Letters</i> , 2021 , 127, 111801	7.4	0
805	Simultaneous determination of CKM angle $\bar{\Delta}$ and charm mixing parameters. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	0
804	Search for the doubly charmed baryon χ_{cc}^+ in the $\chi_{c^+} \pi^+ \pi^+$ final state. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	0
803	Updated search for B_c^+ decays to two charm mesons. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	
802	Study of the lineshape of the $\bar{B}_1(3872)$ state. <i>Physical Review D</i> , 2020 , 102,	4.9	18
801	Amplitude analysis of the $B^+ \rightarrow D^+ D_s^+$ decay. <i>Physical Review D</i> , 2020 , 102,	4.9	34
800	Constraints on the $K_S^0 \rightarrow \pi^+ \pi^-$ Branching Fraction. <i>Physical Review Letters</i> , 2020 , 125, 231801	7.4	1
799	Model-Independent Study of Structure in $B^+ \rightarrow D^+ D^+ K^+$ Decays. <i>Physical Review Letters</i> , 2020 , 125, 242001	7.4	25
798	Search for the Rare Decays $B_s^0 \rightarrow e^+ e^-$ and $B^0 \rightarrow e^+ e^-$. <i>Physical Review Letters</i> , 2020 , 124, 211802	7.4	4
797	Measurement of the branching fraction of the decay $B_s^0 \rightarrow K_S^0 K_S^0$. <i>Physical Review D</i> , 2020 , 102,	4.9	1
796	First observation of the decay $B^0 \rightarrow D^0 D^+ K^-$. <i>Physical Review D</i> , 2020 , 102,	4.9	1
795	First branching fraction measurement of the suppressed decay $\bar{B}^0 \rightarrow \bar{B}^+$. <i>Physical Review D</i> , 2020 , 102,	4.9	3
794	Test of lepton universality with $(\Lambda_b^0 \rightarrow p K^+ \ell^+ \ell^-)$ decays. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	12
793	Observation of New Λ_c^0 Baryons Decaying to $\Lambda_c^+ K^-$. <i>Physical Review Letters</i> , 2020 , 124, 222001	7.4	10
792	First Observation of Excited Λ_b^+ States. <i>Physical Review Letters</i> , 2020 , 124, 082002	7.4	18
791	Measurement of the $(\Lambda_b^0 \rightarrow J/\psi)$ angular distribution and the (Λ_b^0) polarisation in pp collisions. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	2
790	Measurement of CP-Averaged Observables in the $B^0 \rightarrow K^{*0} \pi^+ \pi^-$ Decay. <i>Physical Review Letters</i> , 2020 , 125, 011802	7.4	46
789	Measurement of CP observables in $B_{\bar{D}} \rightarrow DK_{\bar{D}}$ and $B_{\bar{D}} \rightarrow D_{\bar{D}}$ with $D \rightarrow (K_S^0 K^+ \pi^0)$ decays. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	2

788	Precision measurement of the (χ_{cc}^{++}) mass. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	11
787	Measurement of χ_{cc}^{++} production in pp collisions at $\sqrt{s}=13$ TeV. <i>Chinese Physics C</i> , 2020 , 44, 022001	2.2	4
786	Determination of quantum numbers for several excited charmed mesons observed in $B \rightarrow D^{*+} \pi$ decays. <i>Physical Review D</i> , 2020 , 101,	4.9	8
785	Amplitude analysis of the $B^+ \rightarrow \pi^+ \pi^0$ decay. <i>Physical Review D</i> , 2020 , 101,	4.9	19
784	Observation of Several Sources of CP Violation in $B^+ \rightarrow \pi^+ \pi^0 \pi^0$ Decays. <i>Physical Review Letters</i> , 2020 , 124, 031801	7.4	18
783	Measurement of $\psi(2S)$ production cross-sections in proton-proton collisions at $\sqrt{s}=7$ and 13 TeV. <i>European Physical Journal C</i> , 2020 , 80,	4.2	4
782	Measurement of $ V_{cb} $ with $B_s^0 \rightarrow D_s^{(*)} \pi$ decays. <i>Physical Review D</i> , 2020 , 101,	4.9	6
781	Measurement of the relative branching fractions of $B^+ \rightarrow h^+ h^0 \pi^0$ decays. <i>Physical Review D</i> , 2020 , 102,	4.9	1
780	Measurement of the $(\eta_c(1S))$ production cross-section in (p) (p) collisions at $(\sqrt{s} = 13)$ (, text {TeV}). <i>European Physical Journal C</i> , 2020 , 80, 1	4.2	9
779	Search for CP violation in $(\chi_{cc}^+ \rightarrow p \bar{K}^0 \pi^+)$ decays using model-independent techniques. <i>European Physical Journal C</i> , 2020 , 80, 1	4.2	7
778	Rare b -hadron decays 2020 , 21, 93-106		
777	Observation of the semileptonic decay $B^+ \rightarrow \bar{p} \mu^+ \nu_{\mu}$. <i>Journal of High Energy Physics</i> , 2020 , 2020,	5.4	1
776	Measurement of CP violation in $B^0 \rightarrow D^{*+} \pi^-$ decays. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	0
775	Measurement of the shape of the $(B_s^0 \rightarrow D_s^{*+} \mu^+ \nu_{\mu})$ differential decay rate. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	1
774	Search for the lepton flavour violating decay $B^+ \rightarrow K^+ \mu^+ \mu^-$ using $(B_s^0 \rightarrow \mu^+ \mu^-)$ decays. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	8
773	Observation of a new baryon state in the $(\Lambda_{\text{b}}^0 \rightarrow \pi^+ \pi^-)$ mass spectrum. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	7
772	Searches for low-mass dimuon resonances. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	10
771	Search for the doubly heavy (χ_{bc}^0) baryon via decays to $D^0 p K^0$. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	2

770	Strong constraints on the $b \rightarrow s$ photon polarisation from $B^0 \rightarrow K^*0 e^+ e^-$ decays. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	4
769	Search for the doubly charmed baryon (Ξ_{cc}^{++}). <i>Science China: Physics, Mechanics and Astronomy</i> , 2020 , 63, 1	3.6	13
768	Observation of Enhanced Double Parton Scattering in Proton-Lead Collisions at $\sqrt{s_{NN}}=8.16$ TeV. <i>Physical Review Letters</i> , 2020 , 125, 212001	7.4	1
767	Precision measurement of the (B_c^+) meson mass. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	1
766	Evaluation and comparison of a machine learning cloud identification algorithm for the SLSTR in polar regions. <i>Remote Sensing of Environment</i> , 2020 , 248, 111999	13.2	4
765	Review of Particle Physics. <i>Progress of Theoretical and Experimental Physics</i> , 2020 , 2020,	5.4	1112
764	Updated measurement of decay-time-dependent CP asymmetries in $D^0 \rightarrow K^+ K^-$ and $D^0 \rightarrow \pi^+ \pi^-$ decays. <i>Physical Review D</i> , 2020 , 101,	4.9	5
763	Isospin Amplitudes in $B^0 \rightarrow J/\psi K^0$ and $B^0 \rightarrow J/\psi K^0$ Decays. <i>Physical Review Letters</i> , 2020 , 124, 111802	7.4	2
762	Measurement of f_s/f_u Variation with Proton-Proton Collision Energy and B-Meson Kinematics. <i>Physical Review Letters</i> , 2020 , 124, 122002	7.4	7
761	Study of the $\Omega(3823)$ and $\Omega(3872)$ states in $B^+ \rightarrow (J/\psi) K^+$ decays. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	15
760	Search for CP violation and observation of P violation in $B^0 \rightarrow p \pi^0$ decays. <i>Physical Review D</i> , 2020 , 102,	4.9	4
759	Search for $A^0 \rightarrow \pi^+ \pi^-$ Decays. <i>Physical Review Letters</i> , 2020 , 124, 041801	7.4	60
758	Measurement of b hadron fractions in 13 TeV pp collisions. <i>Physical Review D</i> , 2019 , 100,	4.9	26
757	Measurement of the relative $B^0 \rightarrow D^0/D^{*0}/D^{*0}$ branching fractions using B^0 mesons from $B^0 \rightarrow 2\pi^0$ decays. <i>Physical Review D</i> , 2019 , 99,	4.9	2
756	Measurement of CP observables in the process $B^0 \rightarrow DK^0$ with two- and four-body D decays. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	1
755	Search for the rare decay ($B^+ \rightarrow \mu^+ \mu^- \mu^+ \nu_\mu$). <i>European Physical Journal C</i> , 2019 , 79, 1	4.2	8
754	Measurement of the CP-violating phase γ from $B_s^0 \rightarrow J/\psi K^0$ decays in 13 TeV pp collisions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2019 , 797, 134789	4.2	2
753	Observation of the ($\Lambda_{\text{charm}}^0 \rightarrow \psi(3872) p K^0$) decay. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	5

752	Measurement of the Charm-Mixing Parameter y_{CP} . <i>Physical Review Letters</i> , 2019 , 122, 011802	7.4	8
751	Searching new physics in rare B-meson decays into multiple muons. <i>European Physical Journal C</i> , 2019 , 79, 1	4.2	5
750	Search for CP Violation in $D_{\text{s}}^+ \rightarrow K_{\text{S}}^0 \pi^+$, $D^+ \rightarrow K_{\text{S}}^0 K^+$, and $D^+ \rightarrow \pi^+ \pi^0$ Decays. <i>Physical Review Letters</i> , 2019 , 122, 191803	7.4	2
749	Observation of $B_{\text{s}}^0 \rightarrow J/\psi p \bar{p}$ Decays and Precision Measurements of the B_{s}^0 Masses. <i>Physical Review Letters</i> , 2019 , 122, 191804	7.4	4
748	Measurement of B^+ , B^0 and \bar{B}^0 production in pPb collisions at $\sqrt{s_{\text{NN}}}=8.16$ TeV. <i>Physical Review D</i> , 2019 , 99,	4.9	12
747	Observation of CP Violation in Charm Decays. <i>Physical Review Letters</i> , 2019 , 122, 211803	7.4	51
746	Observation of a Narrow Pentaquark State, $P_{\text{c}}(4312)^+$, and of the Two-Peak Structure of the $P_{\text{c}}(4450)^+$. <i>Physical Review Letters</i> , 2019 , 122, 222001	7.4	199
745	Observation of an Excited B_{c}^+ State. <i>Physical Review Letters</i> , 2019 , 122, 232001	7.4	18
744	Search for Lepton-Universality Violation in $B^+ \rightarrow K^+ \pi^+ \pi^-$ Decays. <i>Physical Review Letters</i> , 2019 , 122, 191801	7.4	137
743	Observation of the doubly Cabibbo-suppressed decay $\bar{B}^0 \rightarrow c \rightarrow p$?. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	2
742	Model-Independent Observation of Exotic Contributions to $B^0 \rightarrow J/\psi K^+ \pi^-$ Decays. <i>Physical Review Letters</i> , 2019 , 122, 152002	7.4	13
741	Search for CP violation through an amplitude analysis of $D^0 \rightarrow K^+ K^0 \pi^-$ decays. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	2
740	First Measurement of Charm Production in its Fixed-Target Configuration at the LHC. <i>Physical Review Letters</i> , 2019 , 122, 132002	7.4	17
739	Measurement of the mass and production rate of \bar{B} baryons. <i>Physical Review D</i> , 2019 , 99,	4.9	9
738	Measurement of the branching fractions of the decays $D^+ \rightarrow K^0 K^+$, $D^+ \rightarrow \pi^0 K^+$ and $D^+ \rightarrow \pi^+ K^+$. <i>Journal of High Energy Physics</i> , 2019 , 2019,	5.4	3
737	Study of the $B^0 \rightarrow \psi(770) \rho^0 K^*(892)^0$ decay with an amplitude analysis of $B^0 \rightarrow (\psi \rho) K^0$ decays. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	2
736	Measurement of the ratio of branching fractions of the decays $\bar{D}^0 \rightarrow \psi(2S) \pi^0$ and $\bar{D}^0 \rightarrow J/\psi$. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	1
735	Dalitz plot analysis of the $D^+ \rightarrow K^0 K^+$ decay. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	4

734	Precision measurement of the \bar{B}_s^+ , B_s^+ , and B_s^0 baryon lifetimes. <i>Physical Review D</i> , 2019 , 100,	4.9	14
733	Amplitude analysis of $B^0 \rightarrow K^0 S^* K^0$ decays. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	5
732	First Observation of the Radiative Decay $B^0 \rightarrow \gamma \mu^+ \mu^-$. <i>Physical Review Letters</i> , 2019 , 123, 031801	7.4	7
731	Measurement of the branching fraction and (C)P asymmetry in $(B^+ \rightarrow J/\psi \rho^+)$ decays. <i>European Physical Journal C</i> , 2019 , 79, 1	4.2	1
730	Measurement of the Mass Difference Between Neutral Charm-Meson Eigenstates. <i>Physical Review Letters</i> , 2019 , 122, 231802	7.4	39
729	Near-threshold $(\overline{D}^* D)$ spectroscopy and observation of a new charmonium state. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	16
728	Amplitude analysis of the $(B^0 \rightarrow K^* \overline{K}^* K^0)$ decays and measurement of the branching fraction of the $(B^0 \rightarrow K^* \overline{K}^* K^0)$ decay. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	3
727	Observation of New Resonances in the $B^0 \rightarrow \mu^+ \mu^-$ System. <i>Physical Review Letters</i> , 2019 , 123, 152001	7.4	22
726	Updated measurement of time-dependent (CP)-violating observables in $(B^0 \rightarrow J/\psi K^+ K^-)$ decays. <i>European Physical Journal C</i> , 2019 , 79, 1	4.2	7
725	Measurements of CP asymmetries in charmless four-body (Λ_b^0) and (Ξ_b^0) decays. <i>European Physical Journal C</i> , 2019 , 79, 1	4.2	6
724	Prompt B_c production in pPb collisions at $(\sqrt{s_{NN}}=5.02)$ TeV. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	10
723	Measurement of the electron reconstruction efficiency at LHCb. <i>Journal of Instrumentation</i> , 2019 , 14, P11023-P11023	1	3
722	A search for $(\Xi_{cc}^{++}) \rightarrow D^+ p K^0$ decays. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	5
721	Measurement of CP violation in the $(B_s^0 \rightarrow \phi \phi)$ decay and search for the $B^0 \rightarrow \phi \phi$ decay. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	0
720	Measurement of the B_c meson production fraction and asymmetry in 7 and 13 TeV pp collisions. <i>Physical Review D</i> , 2019 , 100,	4.9	4
719	Search for the Lepton-Flavor-Violating Decays $B^0 \rightarrow \mu^+ \mu^- \tau^+ \tau^-$ and $B^0 \rightarrow \mu^+ \mu^- \tau^+ \tau^-$. <i>Physical Review Letters</i> , 2019 , 123, 211801	7.4	13
718	Search for Lepton-Flavor Violating Decays $B^+ \rightarrow K^+ \mu^+ \mu^- e^+$. <i>Physical Review Letters</i> , 2019 , 123, 241802	7.4	8
717	Measurement of CP-Violating and Mixing-Induced Observables in $B^0 \rightarrow \pi^+ \pi^-$ Decays. <i>Physical Review Letters</i> , 2019 , 123, 081802	7.4	2

716	Amplitude Analysis of $B^{\pm} \rightarrow \pi^{\pm} K^+ K^-$ Decays. <i>Physical Review Letters</i> , 2019 , 123, 231802	7.4	14
715	Measurement of Charged Hadron Production in Z-Tagged Jets in Proton-Proton Collisions at $\sqrt{s}=8$ TeV. <i>Physical Review Letters</i> , 2019 , 123, 232001	7.4	3
714	Observation of Two Resonances in the $\pi^0 \pi^0$ Systems and Precise Measurement of $\pi^0 \pi^0$ and $\pi^0 \pi^{\pm}$ Properties. <i>Physical Review Letters</i> , 2019 , 122, 012001	7.4	29
713	Search for excited $B + c$ states. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	13
712	Search for Dark Photons Produced in 13 TeV pp Collisions. <i>Physical Review Letters</i> , 2018 , 120, 061801	7.4	75
711	First observation of forward $Z \rightarrow b\bar{b}$ production in pp collisions at $s=8$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018 , 776, 430-439	4.2	1
710	Measurement of CP observables in $B^{\pm} \rightarrow D^{(*)} K^{\pm}$ and $B^{\pm} \rightarrow D^{(*)} \pi^{\pm}$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018 , 777, 16-30	4.2	10
709	A measurement of the CP asymmetry difference between $\pi^+ \rightarrow \rho^0 K^+$ and ρ^0 decays. <i>Journal of High Energy Physics</i> , 2018 , 2018,	5.4	9
708	Measurement of CP asymmetry in $B^0 \rightarrow D^+ K^-$ decays. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	4
707	Search for the lepton-flavour violating decays $B^0(s) \rightarrow e^{\pm} \mu^{\mp}$. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	15
706	First measurement of the CP-violating phase ($\phi_s^{\overline{D}}$) in $B^0 \rightarrow (K^+ \pi^-)$ decays. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	6
705	Test of lepton flavor universality by the measurement of the $B^0 \rightarrow D^* \pi$ branching fraction using three-prong π decays. <i>Physical Review D</i> , 2018 , 97,	4.9	106
704	Measurement of the Ratio of the $B^0 \rightarrow D^{*+} \pi^+ \pi^0$ and $B^0 \rightarrow D^{*+} \pi^+ \pi^0$ Branching Fractions Using Three-Prong π Lepton Decays. <i>Physical Review Letters</i> , 2018 , 120, 171802	7.4	126
703	Measurement of the Ratio of Branching Fractions $B(B_{c^+} \rightarrow J/\psi \pi^+ \pi^0) / B(B_{c^+} \rightarrow J/\psi \pi^+ \pi^0)$. <i>Physical Review Letters</i> , 2018 , 120, 121801	7.4	109
702	Search for B_c^+ decays to two charm mesons. <i>Nuclear Physics B</i> , 2018 , 930, 563-582	2.8	4
701	Measurement of the Lifetime of the Doubly Charmed Baryon Ξ_{cc}^{++} . <i>Physical Review Letters</i> , 2018 , 121, 052002	7.4	44
700	Measurement of branching fractions of charmless four-body $\pi^0 \pi^0$ and $\pi^0 \pi^{\pm}$ decays. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	8
699	Observation of the decay $B^0 \rightarrow \pi^+ \pi^0 \pi^0$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018 , 784, 101-111	4.2	7

698	Observation of a New χ_{b1}^{\prime} Resonance. <i>Physical Review Letters</i> , 2018 , 121, 072002	7.4	50
697	Evidence for the Rare Decay $B^+ \rightarrow p \bar{D}^+ \bar{D}^-$. <i>Physical Review Letters</i> , 2018 , 120, 221803	7.4	8
696	Central exclusive production of J/ψ and $\psi(2S)$ mesons in pp collisions at $\sqrt{s} = 13$ TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	13
695	Measurement of the time-integrated CP asymmetry in $D^0 \rightarrow K^0 S K^0 S$ decays. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	4
694	Study of η production in pPb collisions at $(\sqrt{s_{\text{NN}}})=8.16$ TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	8
693	Search for beautiful tetraquarks in the $\eta(1S)$ invariant-mass spectrum. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	21
692	Search for CP violation in $B^0 \rightarrow p \bar{K}$ and $B^0 \rightarrow p \bar{D}$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018 , 787, 124-133	4.2	9
691	Search for lepton-flavour-violating decays of Higgs-like bosons. <i>European Physical Journal C</i> , 2018 , 78, 1008	4.2	3
690	Evidence for an resonance in decays. <i>European Physical Journal C</i> , 2018 , 78, 1019	4.2	26
689	Observation of the decay $B_s^0 \rightarrow D^0 K^+ K^-$. <i>Physical Review D</i> , 2018 , 98,	4.9	6
688	Observation of $B_s^0 \rightarrow D^0 K^0$ and search for $B^0 \rightarrow D^0 K^0$ decays. <i>Physical Review D</i> , 2018 , 98,	4.9	5
687	Measurement of Antiproton Production in p-He Collisions at $\sqrt{s_{\text{NN}}}=110$ GeV. <i>Physical Review Letters</i> , 2018 , 121, 222001	7.4	22
686	An empirical model to determine the hadronic resonance contributions to transitions. <i>European Physical Journal C</i> , 2018 , 78, 453	4.2	29
685	Measurement of the inelastic pp cross-section at a centre-of-mass energy of 13 TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	12
684	Measurement of η production in pp collisions at $(\sqrt{s}=13)$ TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	6
683	Measurement of forward top pair production in the dilepton channel in pp collisions at $(\sqrt{s}=13)$ TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	4
682	Observation of the decay $(\overline{B})_s^0 \rightarrow \chi_{c2} K^+ K^-$ in the η mass region. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	0
681	Search for a dimuon resonance in the η mass region. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	7

680	Studies of the resonance structure in decays. <i>European Physical Journal C</i> , 2018 , 78, 443	4.2	11
679	Angular moments of the decay $\Lambda_b \rightarrow \Lambda \pi$ at low hadronic recoil. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	17
678	Measurement of $Z \rightarrow \mu^+ \mu^-$ production in proton-proton collisions at $(\sqrt{s}=8)$ TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	2
677	First Observation of the Doubly Charmed Baryon Decay $\Xi_{cc}^{++} \rightarrow \Xi_c^+ \pi^+$. <i>Physical Review Letters</i> , 2018 , 121, 162002	7.4	54
676	Measurement of the CKM angle β using $B \rightarrow DK$ with $D \rightarrow K \pi$ or $K \pi$ decays. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	9
675	Measurement of D^0 production asymmetry in pp collisions at $(\sqrt{s}=7)$ and 8 TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	4
674	Measurement of Angular and CP Asymmetries in $D^0 \rightarrow \pi^+ \pi^- \pi^+ \pi^-$ and $D^0 \rightarrow K^+ K^- \pi^+ \pi^-$ Decays. <i>Physical Review Letters</i> , 2018 , 121, 091801	7.4	8
673	Measurement of the Ξ_c^0 Baryon Lifetime. <i>Physical Review Letters</i> , 2018 , 121, 092003	7.4	12
672	Evidence for the decay $(B_{S^0} \rightarrow \overline{K}^* \mu^+ \mu^-)$. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	15
671	Measurement of CP asymmetries in two-body $B(s)0$ -meson decays to charged pions and kaons. <i>Physical Review D</i> , 2018 , 98,	4.9	13
670	Observation of the decay $\Lambda_b \rightarrow (\Sigma^0) p$. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	5
669	Measurement of the CP asymmetry in $B \rightarrow D^* D^0$ and $B \rightarrow D D^0$ decays. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	1
668	Search for CP violation using triple product asymmetries in $\Lambda_b \rightarrow p K^* \pi$, $\Lambda_b \rightarrow p K^* K$ and $\Lambda_b \rightarrow p K^* \Lambda$ decays. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	7
667	Updated determination of $D^0 \bar{D}^0$ mixing and CP violation parameters with $D^0 \rightarrow K^+ \pi^-$ decays. <i>Physical Review D</i> , 2018 , 97,	4.9	11
666	Search for the rare decay $\bar{B}^0 \rightarrow p \pi^0$. <i>Physical Review D</i> , 2018 , 97,	4.9	9
665	Search for weakly decaying b-flavored pentaquarks. <i>Physical Review D</i> , 2018 , 97,	4.9	5
664	First observation of $B^+ \rightarrow D^0 s^+ K^+ K^0$ decays and a search for $B^+ \rightarrow D^0 s^+ ?$ decays. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	6
663	Measurements of the branching fractions of $\Lambda_c^+ \rightarrow p \pi^0$, $\Lambda_c^+ \rightarrow p K^+$, and $\Lambda_c^+ \rightarrow p \bar{K}^0$. <i>Journal of High Energy Physics</i> , 2018 , 2018,	5.4	8

662	Measurement of CP violation in $B^0 \rightarrow D^* \pi$ decays. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	2
661	Amplitude Analysis of the Decay $B^0 \rightarrow K_S^0 \pi^+ \pi^-$ and First Observation of the CP Asymmetry in $B^0 \rightarrow K^{*0} \pi^+ \pi^-$. <i>Physical Review Letters</i> , 2018 , 120, 261801	7.4	7
660	Search for the CP-violating strong decays $B^0 \rightarrow \pi^+ \pi^-$ and $B^0(958) \rightarrow \pi^+ \pi^-$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017 , 764, 233-240	4.2	7
659	Search for the suppressed decays $B^+ \rightarrow K^+ K^+ \pi^-$ and $B^+ \rightarrow \pi^+ K^+ \pi^-$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017 , 765, 307-316	4.2	8
658	Measurement of matter-antimatter differences in beauty baryon decays. <i>Nature Physics</i> , 2017 , 13, 391-396	6.2	45
657	Amplitude analysis of $B^+ \rightarrow J/\psi K^+$ decays. <i>Physical Review D</i> , 2017 , 95,	4.9	56
656	Observation of J/ψ Structures Consistent with Exotic States from Amplitude Analysis of $B^+ \rightarrow J/\psi K^+$ Decays. <i>Physical Review Letters</i> , 2017 , 118, 022003	7.4	98
655	Observation of the Annihilation Decay Mode $B^0 \rightarrow K^+ K^-$. <i>Physical Review Letters</i> , 2017 , 118, 081801	4.1	18
654	First Experimental Study of Photon Polarization in Radiative B_s^0 Decays. <i>Physical Review Letters</i> , 2017 , 118, 021801	7.4	16
653	Measurement of forward $t\bar{t}$, $W+bb$ and $W+cc$ production in pp collisions at $\sqrt{s}=8$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017 , 767, 110-120	4.2	4
652	Observation of the decay $B_s^0 \rightarrow \pi^+ \pi^-$ and evidence for $B^0 \rightarrow \pi^+ \pi^-$. <i>Physical Review D</i> , 2017 , 95,	4.9	17
651	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
650	Measurement of the phase difference between short- and long-distance amplitudes in the $B^0 \rightarrow \pi^+ \pi^-$ decay. <i>European Physical Journal C</i> , 2017 , 77, 161	4.2	25
649	Study of the $D^0 \rightarrow \pi^+ \pi^-$ amplitude in $B^0 \rightarrow D^0 \pi^+ \pi^-$ decays. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	33
648	Search for massive long-lived particles decaying semileptonically in the LHCb detector. <i>European Physical Journal C</i> , 2017 , 77, 224	4.2	35
647	Observation of $B^0 \rightarrow \pi^+ \pi^-$ and $B^0 \rightarrow \pi^0 \pi^0$ decays. <i>European Physical Journal C</i> , 2017 , 77, 72	4.2	4
646	Measurement of CP asymmetry in $D^0 \rightarrow K^+ K^-$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017 , 767, 177-187	4.2	11
645	Observation of the Decay $B^0 \rightarrow \pi^+ K^+ K^-$. <i>Physical Review Letters</i> , 2017 , 118, 071801	7.4	7

644	Search for long-lived scalar particles in $B^{+ \rightarrow K^+ \chi^0}$ decays. <i>Physical Review D</i> , 2017 , 95,	4.9	48
643	Study of prompt D^0 meson production in pPb collisions at $(\sqrt{s_{\mathrm{N};\mathrm{N}}}=5)$ TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	27
642	Prompt and nonprompt J/ψ production and nuclear modification in pPb collisions at $\sqrt{s_{\mathrm{NN}}}=8.16$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017 , 774, 159-178	4.2	26
641	Observation of charmless baryonic decays $B(s)0 \rightarrow pp\pi^+h^0$. <i>Physical Review D</i> , 2017 , 96,	4.9	5
640	Study of charmonium production in π -hadron decays and first evidence for the decay. <i>European Physical Journal C</i> , 2017 , 77, 609	4.2	10
639	Improved limit on the branching fraction of the rare decay. <i>European Physical Journal C</i> , 2017 , 77, 678	4.2	7
638	Observation of $B_c^{+ \rightarrow J/\psi D^{(*)} K^{(*)}}$ decays. <i>Physical Review D</i> , 2017 , 95,	4.9	8
637	Measurements of charm mixing and CP violation using $D^0 \rightarrow K_S^0 \pi^0$ decays. <i>Physical Review D</i> , 2017 , 95,	4.9	8
636	Measurement of the B_{H} production asymmetry and the CP asymmetry in $B_{\mathrm{H}} \rightarrow J/\psi K_{\mathrm{H}}$ decays. <i>Physical Review D</i> , 2017 , 95,	4.9	6
635	Measurement of the ratio of branching fractions and difference in CP asymmetries of the decays $B^+ \rightarrow J/\psi K^+$ and $B^+ \rightarrow J/\psi K^0$. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	2
634	Search for the $B^0 \rightarrow \eta'$ decay. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	1
633	Observation of the decay $B^0 \rightarrow \rho^+ K^- \pi^+$ and a search for CP violation. <i>Journal of High Energy Physics</i> , 2017 , 2017,	5.4	5
632	Measurement of B_{s}^0 and D_{s}^0 Meson Lifetimes. <i>Physical Review Letters</i> , 2017 , 119, 101801	7.4	10
631	Observation of the Doubly Charmed Baryon χ_{cc}^{++} . <i>Physical Review Letters</i> , 2017 , 119, 112001	7.4	257
630	Measurement of the CP Violation Parameter A_{FB}^0 in $D^0 \rightarrow K^+ K^-$ and $D^0 \rightarrow \pi^+ \pi^-$ Decays. <i>Physical Review Letters</i> , 2017 , 118, 261803	7.4	11
629	Observation of $B_{\mathrm{c}}^+ \rightarrow D^0 K^+$ Decays. <i>Physical Review Letters</i> , 2017 , 118, 111803	7.4	13
628	Observation of Five New Narrow χ_{c}^0 States Decaying to $\chi_{\mathrm{c}}^+ K^-$. <i>Physical Review Letters</i> , 2017 , 118, 182001	7.4	154
627	Measurement of CP asymmetries in $D_{\mathrm{H}} \rightarrow \eta$ and $D_{\mathrm{sH}} \rightarrow \eta$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017 , 771, 21-30	4.2	6

626	Observation of $B(2S) \rightarrow pp$ and search for $X(3872) \rightarrow pp$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017 , 769, 305-313	4.2	16
625	Observation of the $B \rightarrow J/\psi$ decay. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017 , 772, 265-273	4.2	15
624	Measurement of the $B_{\{s\}^0} \rightarrow \pi^+ \pi^-$ Branching Fraction and Effective Lifetime and Search for $B^0 \rightarrow \pi^+ \pi^-$ Decays. <i>Physical Review Letters</i> , 2017 , 118, 191801	7.4	106
623	Study of J/ψ Production in Jets. <i>Physical Review Letters</i> , 2017 , 118, 192001	7.4	20
622	Observation of the Decays $\bar{B}^0 \rightarrow \bar{c} p K^+$ and $\bar{B}^0 \rightarrow \bar{c} p K^+$. <i>Physical Review Letters</i> , 2017 , 119, 062001	7.4	22
621	Observation of the $B^+ \rightarrow D^* K^+$ decay. <i>Physical Review D</i> , 2017 , 96,	4.9	2
620	Search for the Decays $B_{\{s\}^0} \rightarrow \pi^+ \pi^-$ and $B^0 \rightarrow \pi^+ \pi^-$. <i>Physical Review Letters</i> , 2017 , 118, 251802	7.4	40
619	Measurement of the shape of the $B^0 \rightarrow \pi^+ \pi^-$ differential decay rate. <i>Physical Review D</i> , 2017 , 96,	4.9	23
618	Observation of the suppressed decay $B^0 \rightarrow \rho^+ \pi^-$. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	10
617	Test of lepton universality with $B^0 \rightarrow K^* \pi$ decays. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	298
616	\bar{c} and c Resonance Parameters with the Decays $\bar{c} c \rightarrow J/\psi \pi$. <i>Physical Review Letters</i> , 2017 , 119, 221801	7.4	8
615	Observation of D^0 Meson Decays to $\pi^+ \pi^- \pi^+ \pi^-$ and $K^+ K^- \pi^+ \pi^-$ Final States. <i>Physical Review Letters</i> , 2017 , 119, 181805	7.4	14
614	Search for Baryon-Number Violating \bar{B}^0 Oscillations. <i>Physical Review Letters</i> , 2017 , 119, 181807	7.4	1
613	Measurement of the J/ψ pair production cross-section in pp collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	25
612	New algorithms for identifying the flavour of [Formula: see text] mesons using pions and protons. <i>European Physical Journal C</i> , 2017 , 77, 238	4.2	4
611	Measurements of prompt charm production cross-sections in pp collisions at $s = 5 \sqrt{s} = 5$ TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017,	5.4	16
610	Search for CP violation in the phase space of $D^0 \rightarrow \pi \pi$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017 , 769, 345-356	4.2	7
609	Evidence for the two-body charmless baryonic decay ($B^+ \rightarrow \overline{\Lambda}$). <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	4

608	First Observation of the Rare Purely Baryonic Decay $B^0 \rightarrow pp$. <i>Physical Review Letters</i> , 2017 , 119, 232001	7.4	4
607	Resonances and CP violation in B^0 and $(\overline{B})^0 \rightarrow J/\psi K^+ K^-$ decays in the mass region above the $\chi(1020)$. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	13
606	Study of $(\overline{b}b)$ correlations in high energy proton-proton collisions. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	5
605	Measurement of CP observables in $B^0 \rightarrow DK^*$ decays using two- and four-body D final states. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	4
604	Measurement of B^0 , B_s^0 , B^+ and \overline{B}^0 production asymmetries in 7 and 8 TeV proton-proton collisions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017 , 774, 139-158	4.2	10
603	Measurement of CP violation in $B^0 \rightarrow J/\psi K^0$ and $B^0 \rightarrow \chi K^0$ decays. <i>Journal of High Energy Physics</i> , 2017 , 2017,	5.4	2
602	First Observation of a Baryonic $B_{\{s\}^0}$ Decay. <i>Physical Review Letters</i> , 2017 , 119, 041802	7.4	10
601	Updated search for long-lived particles decaying to jet pairs. <i>European Physical Journal C</i> , 2017 , 77, 812	4.2	23
600	Updated branching fraction measurements of $B(s)^0 \rightarrow K^0 h^+ h^-$ decays. <i>Journal of High Energy Physics</i> , 2017 , 2017,	5.4	4
599	Search for decays of neutral beauty mesons into four muons. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	7
598	Observation of the decay $B_s^0 \rightarrow \chi^0$ and evidence for $B_s^0 \rightarrow \chi^0 \chi^0$. <i>Journal of High Energy Physics</i> , 2017 , 2017,	5.4	6
597	Bose-Einstein correlations of same-sign charged pions in the forward region in pp collisions at $(\sqrt{s}=7)$ TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	3
596	Measurement of the B^0 production cross-section in pp collisions at $s = 7 \sqrt{s}=7$ and 13 TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017,	5.4	8
595	Measurement of the $Y(nS)$ polarizations in pp collisions at $(\sqrt{s}=7)$ and 8 TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	6
594	Expanding the user base beyond HEP for the Ganga distributed analysis user interface. <i>Journal of Physics: Conference Series</i> , 2017 , 898, 052032	0.3	1
593	Measurement of the CP Asymmetry in $B_{\{s\}^0} \rightarrow B_{\{s\}^0}$ Mixing. <i>Physical Review Letters</i> , 2016 , 117, 061803	7.4	18
592	Model-Independent Evidence for J/ψ Contributions to $\overline{B}^0 \rightarrow J/\psi K^+$ Decays. <i>Physical Review Letters</i> , 2016 , 117, 082002	7.4	85
591	Evidence for Exotic Hadron Contributions to $\overline{B}^0 \rightarrow J/\psi K^+$ Decays. <i>Physical Review Letters</i> , 2016 , 117, 082003	7.4	91

590	Studies of the resonance structure in $D^0 \rightarrow K^0 K^0 \pi^0$ decays. <i>Physical Review D</i> , 2016 , 93,	4.9	13
589	Measurement of the mass and lifetime of the Λ_b baryon. <i>Physical Review D</i> , 2016 , 93,	4.9	6
588	First Observation of D^0 - D^0 Oscillations in $D^0 \rightarrow K^+ \pi^- \pi^+ \pi^-$ Decays and Measurement of the Associated Coherence Parameters. <i>Physical Review Letters</i> , 2016 , 116, 241801	7.4	16
587	First observation of the rare $B^+ \rightarrow D^+ K^+ \pi^0$ decay. <i>Physical Review D</i> , 2016 , 93,	4.9	3
586	Measurement of the $B_s^0 \rightarrow D_s^{(*)} + D_s^{(*)} \pi^0$ branching fractions. <i>Physical Review D</i> , 2016 , 93,	4.9	3
585	Constraints on the unitarity triangle angle Γ from Dalitz plot analysis of $B^0 \rightarrow DK^+ \pi^-$ decays. <i>Physical Review D</i> , 2016 , 93,	4.9	6
584	Observation of $B_{(s)}^0 \rightarrow D^0 K_{(S)}^0$ and Evidence for $B_{(s)}^0 \rightarrow D^0 K_{(S)}^{*0}$ Decays. <i>Physical Review Letters</i> , 2016 , 116, 161802	7.4	5
583	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
582	Search for Violations of Lorentz Invariance and CPT Symmetry in $B_{(s)}$ Mixing. <i>Physical Review Letters</i> , 2016 , 116, 241601	7.4	22
581	Search for Structure in the $B_{(s)}^0 \pi^0$ Invariant Mass Spectrum. <i>Physical Review Letters</i> , 2016 , 117, 152003	7.4	64
580	Differential branching fraction and angular moments analysis of the decay $B^0 \rightarrow K^+ \pi^- \pi^0$ in the $K^*_{(1430)^0}$ region. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	11
579	Study of $D^{(*)} + sJ$ mesons decaying to $D^* + K^0 S$ and $D^0 K^+ \pi^0$ final states. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	7
578	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
577	Study of $\Upsilon(2S)$ production and cold nuclear matter effects in pPb collisions at $(\sqrt{s_{NN}} = 5)$ TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	10
576	Model-independent measurement of mixing parameters in $D^0 \rightarrow K^0 S^0 \pi^0$ decays. <i>Journal of High Energy Physics</i> , 2016 , 2016,	5.4	11
575	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
574	First observation of the decay $B^0 \rightarrow K^0 S^0 K^*(892)^0$ at LHCb. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	3
573	Observation of the $B^0 \rightarrow J/\psi \pi^0$ decay. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	7

572	First observation of the decay $D^0 \rightarrow K^+ K^-$ in the D^0 region of the dimuon mass spectrum. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 757, 558-567	4.2	10
571	Angular analysis of the $B^0 \rightarrow K^* K^-$ decay using 3 fb of integrated luminosity. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	232
570	A precise measurement of the [Formula: see text] meson oscillation frequency. <i>European Physical Journal C</i> , 2016 , 76, 412	4.2	6
569	Search for Higgs-like bosons decaying into long-lived exotic particles. <i>European Physical Journal C</i> , 2016 , 76, 664	4.2	16
568	Observations of $D^0 b \rightarrow K^+ b$ and $D^0 b \rightarrow K^+ K^- b$ decays and searches for other $D^0 b$ and $D^0 b$ decays to $B + h$ final states. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	17
567	Measurement of forward W and Z boson production in association with jets in proton-proton collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	8
566	Observation of $D^0 b \rightarrow (2S) p K^-$ and $D^0 b \rightarrow J/\psi p K^-$ decays and a measurement of the $D^0 b$ baryon mass. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	15
565	Measurement of the properties of the Λ_b^0 baryon. <i>Journal of High Energy Physics</i> , 2016 , 2016,	5.4	15
564	Production of associated Y and open charm hadrons in pp collisions at ($\sqrt{s}=7$) and 8 TeV via double parton scattering. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	25
563	Measurement of the CKM angle Γ using $B^0 \rightarrow DK^*$ with $D \rightarrow K^* S^0$ decays. <i>Journal of High Energy Physics</i> , 2016 , 2016,	5.4	6
562	Measurement of the forward Z boson production cross-section in pp collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	13
561	Measurement of the ratio of branching fractions ($\frac{\text{mathrm{mathcal{B}}}\left(\text{mathrm{B}}_{\text{mathrm{c}}^+ \rightarrow \text{mathrm{J}}/\text{uppsi} \text{mathrm{K}}^+ \right)}{\text{mathrm{mathcal{B}}}\left(\text{mathrm{B}}_{\text{mathrm{c}}^+ \rightarrow \text{mathrm{J}}/\text{uppsi} \right)}$). <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	5
560	Measurement of forward $W \rightarrow e$ production in pp collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	8
559	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
558	Measurements of the S-wave fraction in $B^0 \rightarrow K^+ K^-$ decays and the $B^0 \rightarrow K^*(892)^0 K^-$ differential branching fraction. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	48
557	Study of the production of and hadrons in pp collisions and first measurement of the branching fraction. <i>Chinese Physics C</i> , 2016 , 40, 011001	2.2	65
556	A new algorithm for identifying the flavour of B^0 mesons at LHCb. <i>Journal of Instrumentation</i> , 2016 , 11, P05010-P05010	1	10
555	Amplitude analysis of $B \rightarrow D^+ \pi^-$ decays. <i>Physical Review D</i> , 2016 , 94,	4.9	45

554	Study of B_c^+ decays to the $K+K^*$ final state and evidence for the decay $B_c^+ \rightarrow \bar{D}^0 K^*$. <i>Physical Review D</i> , 2016 , 94,	4.9	17
553	Measurement of CP Violation in $B^0 \rightarrow D^+ D^-$ Decays. <i>Physical Review Letters</i> , 2016 , 117, 261801	7.4	6
552	Measurement of the $B_s^0 \rightarrow J/\psi$ lifetime. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 762, 484-492	4.2	4
551	Search for the lepton-flavour violating decay $D^0 \rightarrow e \mu$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 754, 167-175	4.2	14
550	Model-independent measurement of the CKM angle β using $B^0 \rightarrow DK^{*0}$ decays with $D \rightarrow K^0 S^{\pm} K^{\mp}$ and $K^0 S^{\pm} K^{\mp}$. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	6
549	First study of the CP-violating phase and decay-width difference in $B_s^0 \rightarrow (\psi S)^0$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 762, 253-262	4.2	13
548	Measurements of long-range near-side angular correlations in $\sqrt{s_{NN}}=5\text{TeV}$ proton-lead collisions in the forward region. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 762, 473-483	4.2	32
547	Search for B_c^+ decays to the pp^* final state. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 759, 313-321	4.2	10
546	Observation of the $B^0 \rightarrow \eta$ decay. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 759, 282-292	4.2	12
545	Measurement of CP observables in $B^{\pm} \rightarrow DK^{\pm}$ and $B^{\pm} \rightarrow D^{\pm}$ with two- and four-body D decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 760, 117-131	4.2	16
544	Determination of the quark coupling strength $ V_{ub} $ using baryonic decays. <i>Nature Physics</i> , 2015 , 11, 743-747	7.4	79
543	Study of the rare B_s^0 and B^0 decays into the $\eta \eta'$ final state. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015 , 743, 46-55	4.2	13
542	Measurement of the semileptonic CP asymmetry in B^0 - B^0 mixing. <i>Physical Review Letters</i> , 2015 , 114, 041601	7.4	28
541	Precision measurement of CP violation in $B(S)(0) \rightarrow J/\psi + K^-$ decays. <i>Physical Review Letters</i> , 2015 , 114, 041801	7.4	53
540	Measurement of B_c^+ Production in Proton-Proton Collisions at $\sqrt{s}=8\text{ TeV}$. <i>Physical Review Letters</i> , 2015 , 114, 132001	7.4	35
539	LHCb detector performance. <i>International Journal of Modern Physics A</i> , 2015 , 30, 1530022	1.2	452
538	Search for long-lived particles decaying to jet pairs. <i>European Physical Journal C</i> , 2015 , 75, 152	4.2	26
537	Search for CP violation in $D^0 \rightarrow \eta \pi^0$ decays with the energy test. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015 , 740, 158-167	4.2	16

536	Study of B^0 mixing from measurement of $B(s) \rightarrow J/\psi$ decay rates. <i>Journal of High Energy Physics</i> , 2015 , 2015,	5-4	8
535	Measurement of the Z+b-jet cross-section in pp collisions at $(\sqrt{s}) = 7$ TeV in the forward region. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5-4	7
534	Search for the lepton flavour violating decay $B \rightarrow \mu^+ \mu^- \mu^+$. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5-4	22
533	Precise measurements of the properties of the $B(5721)^0$ and $B(5747)^0$ states and observation of B_{c1} mass structures. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5-4	14
532	Measurement of indirect CP asymmetries in $D^0 \rightarrow K^+ K^-$ and $D^0 \rightarrow \pi^+ \pi^-$ decays using semileptonic B decays. <i>Journal of High Energy Physics</i> , 2015 , 2015,	5-4	14
531	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	5-4	326
530	Measurement of the $[B_c]$ production cross-section in proton-proton collisions via the decay $[B_c] \rightarrow \mu^+ \mu^-$. <i>European Physical Journal C</i> , 2015 , 75, 311	4-2	41
529	Study of CP violation in $B^0 \rightarrow D^+ h^-$ ($h=K, \pi$) with the modes $D \rightarrow K^+ \pi^0$, $D \rightarrow \pi^+ \pi^0$ and $D \rightarrow K^+ K^0$. <i>Physical Review D</i> , 2015 , 91,	4-9	13
528	Study of $B_c \rightarrow DK$ and $B_c \rightarrow D\pi$ decays and determination of the CKM angle ϕ_1 . <i>Physical Review D</i> , 2015 , 92,	4-9	4
527	First observation of top quark production in the forward region. <i>Physical Review Letters</i> , 2015 , 115, 112001	4-9	16
526	Evidence for the Strangeness-Changing Weak Decay $[b] \rightarrow [b]_s$. <i>Physical Review Letters</i> , 2015 , 115, 241801	7-4	14
525	First observation and amplitude analysis of the $B_c \rightarrow D^+ K^-$ decay. <i>Physical Review D</i> , 2015 , 91,	4-9	30
524	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
523	Amplitude analysis of $B^0 \rightarrow D^0 K^+ \pi^-$ decays. <i>Physical Review D</i> , 2015 , 92,	4-9	16
522	Dalitz plot analysis of $B^0 \rightarrow D^0 \pi^+ \pi^-$ decays. <i>Physical Review D</i> , 2015 , 92,	4-9	53
521	Study of W boson production in association with beauty and charm. <i>Physical Review D</i> , 2015 , 92,	4-9	17
520	Measurement of the branching fraction ratio $B(B_{c1} \rightarrow \psi(2S) \mu) / B(B_{c1} \rightarrow J/\psi \mu)$. <i>Physical Review D</i> , 2015 , 92,	4-9	11
519	Search for the rare decays $B^0 \rightarrow J/\psi \pi$ and $B_s^0 \rightarrow J/\psi \pi$. <i>Physical Review D</i> , 2015 , 92,	4-9	7

518	Model-independent confirmation of the $Z(4430)$ state. <i>Physical Review D</i> , 2015 , 92,	4.9	25
517	Measurement of CP Violation in $B^0 \rightarrow J/\psi K^0$ Decays. <i>Physical Review Letters</i> , 2015 , 115, 031601	7.4	22
516	Observation of the $B(s)(0) \rightarrow \mu\mu$ Decay. <i>Physical Review Letters</i> , 2015 , 115, 051801	7.4	7
515	Observation of J/ψ Resonances Consistent with Pentaquark States in $B^0 \rightarrow J/\psi p$ Decays. <i>Physical Review Letters</i> , 2015 , 115, 072001	7.4	580
514	Measurement of the ratio of branching fractions $B(B^0 \rightarrow D^{*+} \pi^-) / B(B^0 \rightarrow D^{*+} \pi^0)$. <i>Physical Review Letters</i> , 2015 , 115, 111803	7.4	316
513	Search for Hidden-Sector Bosons in $B(0) \rightarrow K^{*0} \pi^0$ Decays. <i>Physical Review Letters</i> , 2015 , 115, 161802	7.4	65
512	Measurement of CP asymmetries and polarisation fractions in $(B_s^0 \rightarrow \overline{K}^{*0} K^0)$ decays. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	6
511	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
510	Search for the $B_b \rightarrow \pi$ and $B_b \rightarrow \eta$ decays with the LHCb detector. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	6
509	Measurement of the exclusive π 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
508	Measurement of the $B^0 \rightarrow \pi\pi$ branching fraction and search for the decay $B^0 \rightarrow \pi\pi$. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	8
507	Forward production of mesons in pp collisions at $(\sqrt{s}=7)$ and 8 TeV. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	21
506	Measurement of the forward-backward asymmetry in $Z/\psi \rightarrow \pi^+ \pi^-$ decays and determination of the effective weak mixing angle. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	22
505	Method for an unbinned measurement of the q^2 dependent decay amplitudes of $(\overline{B}^0 \rightarrow K^{*0} \mu^+ \mu^-)$ decays. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	6
504	First observation and measurement of the branching fraction for the decay $B^0 \rightarrow D^{*+} K^-$. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	4
503	First measurement of the differential branching fraction and CP asymmetry of the $B^0 \rightarrow \pi^+ \pi^-$ decay. <i>Journal of High Energy Physics</i> , 2015 , 2015,	5.4	27
502	Measurement of the time-integrated CP asymmetry in $D^0 \rightarrow K^0 S K^0 S$ decays. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	11
501	Measurement of CP violation parameters and polarisation fractions in $(B^0 \rightarrow J/\psi \overline{K}^{*0})$ decays. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	12

500	Measurement of forward $Z \rightarrow e^+e^-$ production at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5-4	17
499	Differential branching fraction and angular analysis of $B \rightarrow \mu^+\mu^-$ decays. <i>Journal of High Energy Physics</i> , 2015 , 2015,	5-4	54
498	Measurement of the time-dependent CP asymmetries in $B \rightarrow J/\psi K_S$. <i>Journal of High Energy Physics</i> , 2015 , 2015,	5-4	9
497	Search for the decay ($B_s \rightarrow \overline{D}^0 f_0(980)$). <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5-4	10
496	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
495	Observation of the decay $B^0 \rightarrow \rho^+ K^-$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015 , 747, 484-494	4-2	12
494	Angular analysis and differential branching fraction of the decay $B \rightarrow \mu^+\mu^-$. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5-4	138
493	Measurement of the inelastic pp cross-section at a centre-of-mass energy of (\sqrt{s}) = 7 TeV. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5-4	13
492	Angular analysis of the $B^0 \rightarrow K^* e^+e^-$ decay in the low- q^2 region. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5-4	20
491	Determination of the branching fractions of $B \rightarrow D^* K^+$ and $B \rightarrow D^* K^0$. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5-4	5
490	Search for long-lived heavy charged particles using a ring imaging Cherenkov technique at LHCb. <i>European Physical Journal C</i> , 2015 , 75, 595	4-2	8
489	Observation of the $B^0 \rightarrow \mu^+\mu^-$ decay from an amplitude analysis of $B^0 \rightarrow \mu^+\mu^-$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015 , 747, 468-478	4-2	9
488	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
487	Observation of two new $\Lambda(b)^{-}$ baryon resonances. <i>Physical Review Letters</i> , 2015 , 114, 062004	7-4	35
486	Measurement of the CP-violating phase $\arg(\lambda)$ in $B^0 \rightarrow J/\psi$ decays and limits on penguin effects. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015 , 742, 38-49	4-2	24
485	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
484	Measurement of the Λ_b^0 and Σ_b^0 baryon lifetimes. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 736, 154-162	4-2	10
483	Effective lifetime measurements in the $B_s^0 \rightarrow K^+ K^- B^0 \rightarrow K^+ K^-$ and $B_s^0 \rightarrow \mu^+ \mu^-$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 736, 446-454	4-2	9

482	Measurement of the CP-violating phase γ_s in $B_{(s)}^0 \rightarrow J/\psi K_{(S)}^0$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 736, 186-195	4.2	33
481	Evidence for the decay $B_{(s)}^0 \rightarrow J/\psi K_{(S)}^0$. <i>Nuclear Physics B</i> , 2014 , 886, 665-680	2.8	79
480	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
479	Searches for (Λ_b^0) and (Ξ_b^0) decays to $(K_{\text{charm}}^0 \pi^0)$ and $(K_{\text{charm}}^0 K^0)$ final states with first observation of the $(\Lambda_b^0 \rightarrow K_{\text{charm}}^0 \pi^0)$ decay. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	18
478	Observation of associated production of a Z boson with a D meson in the forward region. <i>Journal of High Energy Physics</i> , 2014 , 2014,	5.4	7
477	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
476	Measurement of polarization amplitudes and CP asymmetries in $B^0 \rightarrow K^{*(892)0}$. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	8
475	Angular analysis of charged and neutral $B \rightarrow K^* \pi$ decays. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	18
474	Evidence for the decay $(\text{B}_{\text{charm}}^+ \rightarrow \{\psi \text{ left/ right}\} \{ \text{uppi}^+ \}^2 \{ \text{uppi}^- \})$. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	16
473	Differential branching fractions and isospin asymmetries of $B \rightarrow K^{(*)} \pi$ decays. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	142
472	Measurement of CP asymmetry in $D^0 \rightarrow K^+ K^-$ and $D^0 \rightarrow \pi^+ \pi^-$ decays. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	42
471	Study of (varUpsilon) production and cold nuclear matter effects in pPb collisions at $(\sqrt{s_{NN}}) = 5$ TeV. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	27
470	Observation of the $\Lambda_b \rightarrow J/\psi \pi$ decay. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	29
469	Observation of the $B_{(s)}^0 \rightarrow J/\psi K_{(S)}^0$ decay. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	5
468	Study of the kinematic dependences of Λ_b production in pp collisions and a measurement of the $\Lambda_b \rightarrow \psi c$ branching fraction. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	30
467	Observation of Z production in proton-lead collisions at LHCb. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	15
466	Measurement of $\{\Upsilon\}$ production in $\{\text{p}\} \{\text{p}\}$ collisions at $\{\sqrt{s}\} = 2.76 \{\text{TeV}\}$ $s = 2.76$ TeV. <i>European Physical Journal C</i> , 2014 , 74,	4.2	23
465	Measurement of the [Formula: see text] meson lifetime using [Formula: see text] decays. <i>European Physical Journal C</i> , 2014 , 74, 2839	4.2	32

464	Measurement of [Formula: see text] polarisation in [Formula: see text] collisions at [Formula: see text] = 7 TeV. <i>European Physical Journal C</i> , 2014 , 74, 2872	4.2	35
463	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
462	Search for the decay . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 728, 234-243	4.2	8
461	Search for CP violation in the decay . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 728, 585-595	4.2	15
460	Measurement of the charge asymmetry in . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 728, 85-94	4.2	10
459	Observation of the resonant character of the Z(4430)(-) state. <i>Physical Review Letters</i> , 2014 , 112, 222002	7.4	234
458	Observation of photon polarization in the b->s transition. <i>Physical Review Letters</i> , 2014 , 112, 161801	7.4	29
457	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
456	Measurement of the CP-violating phase ϕ_s in Bs(0)->Ds(+)Ds(-) decays. <i>Physical Review Letters</i> , 2014 , 113, 211801	7.4	17
455	Measurement of CP violation parameters in B0->DK*0 decays. <i>Physical Review D</i> , 2014 , 90,	4.9	11
454	Measurements of CP violation in the three-body phase space of charmless B Ξ decays. <i>Physical Review D</i> , 2014 , 90,	4.9	47
453	The Physics of the B Factories. <i>European Physical Journal C</i> , 2014 , 74, 1	4.2	233
452	Updated measurements of exclusive J/ ψ and (χ S) 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
451	Measurement of CP asymmetries in the decays B $^0 \rightarrow K^*0 \pi^{\pm}$ and B $^+ \rightarrow K^+ \pi^{\pm}$. <i>Journal of High Energy Physics</i> , 2014 , 2014,	5.4	15
450	Observation of $B_{s^0} \rightarrow \{K^{\pm}\} \{K^{\mp}\} \pi^{\pm}$ and evidence for $B_{s^0} \rightarrow \{K^{\pm}\} \{K^{\mp}\} \pi^{\pm}$ decays. <i>New Journal of Physics</i> , 2014 , 16, 123001	2.9	6
449	Measurement of CP violation and constraints on the CKM angle $\phi_{B\Xi} \rightarrow DK\Xi$ with D->KS0 Ξ decays. <i>Nuclear Physics B</i> , 2014 , 888, 169-193	2.8	13
448	Measurement of the B 0 B 0 and B 0 B 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
447	First measurement of the charge asymmetry in beauty-quark pair production. <i>Physical Review Letters</i> , 2014 , 113, 082003	7.4	15

446	Evidence for CP violation in $B^+ \rightarrow \rho^+ K^+$ decays. <i>Physical Review Letters</i> , 2014 , 113, 141801	7.4	14
445	First observation of a baryonic B_c^+ decay. <i>Physical Review Letters</i> , 2014 , 113, 152003	7.4	24
444	Measurement of resonant and CP components in $B_{\text{c}}^0 \rightarrow J/\psi K^0$ decays. <i>Physical Review D</i> , 2014 , 89,	4.9	54
443	Search for Majorana neutrinos in $B^- \rightarrow \mu^+ \mu^-$ decays. <i>Physical Review Letters</i> , 2014 , 112, 131802	7.4	70
442	Measurement of the B_{c}^+ meson lifetime in $D_s^+ \mu^-$ decays. <i>Physical Review Letters</i> , 2014 , 113, 172001	7.4	10
441	Measurement of CP violation in the phase space of $B_{\text{c}}^+ \rightarrow K^+ K^- \mu^+$ and $B_{\text{c}}^+ \rightarrow \mu^+ \mu^-$ decays. <i>Physical Review Letters</i> , 2014 , 112, 011801	7.4	61
440	Measurement of the resonant and CP components in $B_{\text{c}}^0 \rightarrow J/\psi K^0$ decays. <i>Physical Review D</i> , 2014 , 90,	4.9	52
439	Observation of overlapping spin-1 and spin-3 $D_0 K^-$ resonances at mass 2.86 GeV/c ² . <i>Physical Review Letters</i> , 2014 , 113, 162001	7.4	61
438	Measurement of the $B_s(0) \rightarrow D_s^- D_s^+$ and $B_s(0) \rightarrow D^- D_s^+$ effective lifetimes. <i>Physical Review Letters</i> , 2014 , 112, 111802	7.4	12
437	Dalitz plot analysis of $B_s^0 \rightarrow D^0 K^0$ decays. <i>Physical Review D</i> , 2014 , 90,	4.9	70
436	Measurements of indirect CP asymmetries in $D_0 \rightarrow K^- K^+$ and $D_0 \rightarrow \mu^+ \mu^-$ decays. <i>Physical Review Letters</i> , 2014 , 112, 041801	7.4	18
435	Precision measurement of the mass and lifetime of the $\Lambda_b(0)$ baryon. <i>Physical Review Letters</i> , 2014 , 113, 032001	7.4	30
434	Test of lepton universality using $b^+ \rightarrow K^+ \mu^+ \mu^-$ decays. <i>Physical Review Letters</i> , 2014 , 113, 151601	7.4	542
433	Precision measurement of the mass and lifetime of the Λ_b^0 baryon. <i>Physical Review Letters</i> , 2014 , 113, 242002	7.4	26
432	Measurement of CP violation in $B_s^0 \rightarrow \mu^+ \mu^-$ decays. <i>Physical Review D</i> , 2014 , 90,	4.9	13
431	Study of Beauty Hadron Decays into Pairs of Charm Hadrons. <i>Physical Review Letters</i> , 2014 , 112,	7.4	21
430	Observation of $B(s)(0) \rightarrow J/\psi f_1(1285)$ decays and measurement of the $f_1(1285)$ mixing angle. <i>Physical Review Letters</i> , 2014 , 112, 091802	7.4	17
429	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

428	Studies of beauty baryon decays to $D^0 p h$ and $\bar{D}^0 h$ final states. <i>Physical Review D</i> , 2014 , 89,	4.9	25
427	Observation of charmonium pairs produced exclusively in pp collisions. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2014 , 41, 115002	2.9	10
426	Study of χ_{c0} meson production in pp collisions at $\sqrt{s}=7$ and 8 TeV. <i>European Physical Journal C</i> , 2014 , 74,	4.2	33
425	Search for CP violation using T-odd correlations in $D^0 \rightarrow K^+ K^-$ decays. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	16
424	Search for CP violation in $D^0 \rightarrow K^+ K^-$ and $D^0 \rightarrow K^+ K^0$ decays. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	8
423	First observations of the rare decays $B^+ \rightarrow K^+ \pi^+ \pi^-$ and $B^+ \rightarrow K^+ \pi^0 \pi^0$. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	7
422	Measurement of the χ_{c0} (3P) mass and of the relative rate of $\chi_{c0}(1P)$ and $\chi_{c0}(2P)$ production. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	17
421	Measurement of the CKM angle α using $B^0 \rightarrow DK^0$ with $D \rightarrow K^+ K^-$ and $D \rightarrow K^0 K^+$ decays. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	19
420	Measurement of CP asymmetry in $B^0 \rightarrow D^+ K^-$ decays. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	10
419	Measurement of the forward W boson cross-section in pp collisions at $(\sqrt{s}=7)$ TeV. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	14
418	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	31
417	A study of CP violation in $B^0 \rightarrow DK^0$ and $B^0 \rightarrow D^0$ decays with $D \rightarrow K^+ K^-$ final states. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 733, 36-45	4.2	12
416	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
415	Differential branching fraction and angular analysis of the decay $(B_s^0) \rightarrow \pi^+ \pi^-$. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	86
414	Search for CP violation in $D^+ \rightarrow \pi^+ \pi^0$ and $(D_s^+ \rightarrow K^+ \pi^+)$ decays. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	14
413	Precision measurement of D meson mass differences. <i>Journal of High Energy Physics</i> , 2013 , 2013,	5.4	48
412	Production of J/ψ and (Υ) mesons in pp collisions at $(\sqrt{s}=8)$ TeV. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	58
411	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

410	Limits on neutral Higgs boson production in the forward region in pp collisions at ($\sqrt{s}=7$) TeV. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5-4	4
409	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
408	Measurement of CP observables in $B^0 \rightarrow DK^*$ with $D \rightarrow K + K^*$. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5-4	6
407	The effect of S-wave interference on the $B^0 \rightarrow K^* \pi^0$ angular observables. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5-4	34
406	Measurement of the cross-section for $Z \rightarrow e^+e^-$ production in pp collisions at ($\sqrt{s}=7$) TeV. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5-4	43
405	Differential branching fraction and angular analysis of the $B^+ \rightarrow K^+ \pi^0 \pi^0$ decay. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5-4	63
404	First evidence for the annihilation decay mode $B^+ \rightarrow D_s^+ \pi^0$. <i>Journal of High Energy Physics</i> , 2013 , 2013,	5-4	13
403	Measurement of J/ψ production in pp collisions at ($\sqrt{s}=2.76$; TeV). <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5-4	28
402	Measurement of the forward energy flow in collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2013 , 73, 2421	4-2	17
401	Performance of the LHCb RICH detector at the LHC. <i>European Physical Journal C</i> , 2013 , 73, 2431	4-2	275
400	Measurements of the branching fractions of [Formula: see text] decays. <i>European Physical Journal C</i> , 2013 , 73, 2462	4-2	19
399	Search for $D(s) \rightarrow \pi^0 \pi^0$ and $D(s) \rightarrow \pi^0 \pi^+$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 724, 203-212	4-2	30
398	Model-independent search for CP violation in $B^0 \rightarrow \pi^0 \pi^0$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 726, 623-633	4-2	19
397	Measurement of the time-dependent CP asymmetry in $B^0 \rightarrow J/\psi K_S^0$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 721, 24-31	4-2	11
396	Branching fraction and CP asymmetry of the decays $B^+ \rightarrow K_S^0 \pi^+$ and $B^+ \rightarrow K_S^0 K^+$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 726, 646-655	4-2	9
395	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
394	Study of $B_{(s)}^0 \rightarrow K_{\text{charm}}^0 [h^+][h'^-]$ decays with first observation of $B_s^0 \rightarrow K_{\text{charm}}^0 [K^{\pm}][\pi^{\mp}]$ and $B_s^0 \rightarrow K_{\text{charm}}^0 [\pi^+][\pi^-]$. <i>Journal of High Energy Physics</i> , 2013 , 2013,	5-4	14
393	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

392	First evidence for the two-body charmless baryonic decay $\{B^0\}$ to \overline{p} . <i>Journal of High Energy Physics</i> , 2013 , 2013,	5-4	7
391	Study of $D^* J$ meson decays to $D^+ \pi^0$ and D^{*+} final states in pp collisions. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5-4	69
390	First observation of the decay $(B_c^+ \rightarrow \{J \text{ left/ } \{\{\psi \{K^+\}\}\} \text{ right.}\})$. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5-4	36
389	Searches for $(B_{(s)}^0 \rightarrow \{J \text{ left/ } \{\{\psi p\}\} \text{ right.}\}) \overline{p}$ and $B^+ \rightarrow J/\psi (\overline{p}) \pi^+$ decays. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5-4	6
388	Differential branching fraction and angular analysis of the decay $B^0 \rightarrow K^* \pi^0$. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5-4	99
387	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
386	Implications of LHCb measurements and future prospects. <i>European Physical Journal C</i> , 2013 , 73, 1	4-2	116
385	Observation of $\{B^0\}_{(s)}$ $\overline{B^0}_{(s)}$ mixing and measurement of mixing frequencies using semileptonic B decays. <i>European Physical Journal C</i> , 2013 , 73,	4-2	14
384	Search for the doubly charmed baryon (Ξ_{cc}^+) . <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5-4	41
383	Measurement of ρ polarization in collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2013 , 73, 2631	4-2	87
382	Observation of the decay $(B_c^+) \rightarrow J/\psi + K^+$. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5-4	20
381	First observation of the decay $(B_s^0 \rightarrow \phi \overline{K}^{*0})$. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5-4	7
380	First evidence for the decay $B(s)(0) \rightarrow \pi^0 \pi^0$. <i>Physical Review Letters</i> , 2013 , 110, 021801	7-4	263
379	First observation of CP violation in the decays of $B(s)0$ mesons. <i>Physical Review Letters</i> , 2013 , 110, 221601	7-4	78
378	Search for the rare decay $(K_{\text{S}}^0 \rightarrow \{\mu^+\}\{\mu^-\})$. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5-4	10
377	A study of the Z production cross-section in pp collisions at $(\sqrt{s}=7, \text{mathrm{TeV}})$ using τ final states. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5-4	13
376	Measurement of the ratio of branching fractions $B(B^0 \rightarrow K^* \pi^0)/B(B_s^0 \rightarrow \pi^0)$ and the direct CP asymmetry in $B^0 \rightarrow K^* \pi^0$. <i>Nuclear Physics B</i> , 2013 , 867, 1-18	2-8	29
375	Measurement of the effective β . <i>Nuclear Physics B</i> , 2013 , 873, 275-292	2-8	10

374	Prompt charm production in pp collisions at . <i>Nuclear Physics B</i> , 2013 , 871, 1-20	2.8	163
373	Observation of the suppressed ADS modes . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 723, 44-53	4.2	14
372	Measurement of the CKM angle Γ from a combination of $B_{\mu} \rightarrow D h_{\mu}$ analyses. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 726, 151-163	4.2	33
371	Measurement of the $B_0 \bar{B}_0$ oscillation frequency Γ_{hd} with the decays $B_0 \rightarrow D_{\mu}^{\pm}$ and $B_0 \rightarrow J/\psi \pi^0$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 719, 318-325	4.2	15
370	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	29
369	Measurements of the $B_0 \rightarrow J/\psi$ decay amplitudes and the B_0 polarisation in pp collisions at $s=7$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 724, 27-35	4.2	41
368	Observation of the decay $B_{s0} \rightarrow D_{\mu}^{\pm}$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 727, 403-411	4.2	13
367	Search for the rare decay $D_0 \rightarrow \mu \mu$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 725, 15-24	4.2	23
366	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	29
365	Evidence for the decay $B_0 \rightarrow J/\psi \pi$ and measurement of the relative branching fractions of B_{s0} meson decays to $J/\psi \pi$ and $J/\psi \eta$. <i>Nuclear Physics B</i> , 2013 , 867, 547-566	2.8	25
364	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
363	Observation of . <i>Nuclear Physics B</i> , 2013 , 874, 663-678	2.8	8
362	Observation of D_0 - \bar{D}_0 oscillations. <i>Physical Review Letters</i> , 2013 , 110, 101802	7.4	45
361	Observations of . <i>Nuclear Physics B</i> , 2013 , 871, 403-419	2.8	16
360	Measurement of the . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 718, 902-909	4.2	31
359	Precision measurement of the $B_0 \bar{B}_0$ oscillation frequency with the decay $B_0 \rightarrow D_{\mu}^{\pm}$. <i>New Journal of Physics</i> , 2013 , 15, 053021	2.9	49
358	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
357	Search for the lepton-flavor-violating decays $B(s)_0 \rightarrow e(\mu)\tau$ and $B_0 \rightarrow e(\mu)\tau$. <i>Physical Review Letters</i> , 2013 , 111, 141801	7.4	25

356	Precision measurement of the $B(0)$ baryon lifetime. <i>Physical Review Letters</i> , 2013 , 111, 102003	7.4	32
355	Measurement of CP violation and the B_s0 meson decay width difference with $B_s0 \rightarrow J/\psi + K^0$ and $B_s0 \rightarrow J/\psi + K^0_S$ decays. <i>Physical Review D</i> , 2013 , 87,	4.9	66
354	Measurement of D^0 - 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
353	First observations of $B^0 \rightarrow D^+ D^0$ and $D^0 \rightarrow D^+ D^-$ decays. <i>Physical Review D</i> , 2013 , 87,	4.9	19
352	Measurement of the $\Lambda(b)(0)$, $\Lambda(b)(-)$, and $\Lambda(b)(-)$ Baryon masses. <i>Physical Review Letters</i> , 2013 , 110, 182001	7.4	57
351	Measurement of the CP asymmetry in $B^+ \rightarrow K^+ \pi^+ \pi^-$ decays. <i>Physical Review Letters</i> , 2013 , 111, 151801	7.4	11
350	First measurement of the CP-violating phase in $B_s(0) \rightarrow \pi^+ \pi^-$ decays. <i>Physical Review Letters</i> , 2013 , 110, 241802	7.4	14
349	Determination of the $X(3872)$ meson quantum numbers. <i>Physical Review Letters</i> , 2013 , 110, 222001	7.4	234
348	Measurement of the branching fractions of the decays $B_s0 \rightarrow D^0 K^0$ and $B^0 \rightarrow D^0 K^+ \pi^-$. <i>Physical Review D</i> , 2013 , 87,	4.9	16
347	Analysis of the resonant components in $B^0 \rightarrow J/\psi \pi^0$. <i>Physical Review D</i> , 2013 , 87,	4.9	49
346	Observation of the decay $B(c)(+) \rightarrow B(s)(0) \pi^+$. <i>Physical Review Letters</i> , 2013 , 111, 181801	7.4	55
345	Search for the decay $B_s0 \rightarrow D^* \pi^0$. <i>Physical Review D</i> , 2013 , 87,	4.9	6
344	Measurement of the polarization amplitudes in $B^0 \rightarrow J/\psi^*(892)0$ decays. <i>Physical Review D</i> , 2013 , 88,	4.9	15
343	Measurement of CP violation in the phase space of $B^0 \rightarrow K^0 \pi^0$ and $B^0 \rightarrow K^0 K^+ K^-$ decays. <i>Physical Review Letters</i> , 2013 , 111, 101801	7.4	70
342	Observation of the decay $B_c^+ \rightarrow \rho^+ \pi^0$. <i>Physical Review D</i> , 2013 , 87,	4.9	28
341	Measurement of form-factor-independent observables in the decay $B^0 \rightarrow K^*(0) \pi^+ \pi^-$. <i>Physical Review Letters</i> , 2013 , 111, 191801	7.4	314
340	Observation of $B_c^+ \rightarrow J/\psi D_s^+$ and $B_c^+ \rightarrow J/\psi D_s^{*+}$ decays. <i>Physical Review D</i> , 2013 , 87,	4.9	46
339	Study of $B^0 \rightarrow D^* \pi^0$ and $B^0 \rightarrow D^* K^+ \pi^-$ decays. <i>Physical Review D</i> , 2013 , 87,	4.9	9

338	Measurement of the CP asymmetry in $B(0) \rightarrow K^*(0) \ell^+ \ell^-$ decays. <i>Physical Review Letters</i> , 2013 , 110, 031801	7.4	21
337	Studies of the decays $B^+ \rightarrow p p \bar{K}^+$ and observation of $B^+ \rightarrow \rho(1520) p$. <i>Physical Review D</i> , 2013 , 88,	4.9	11
336	Observation of a resonance in $B^+ \rightarrow K^+ \pi^0$ decays at low recoil. <i>Physical Review Letters</i> , 2013 , 111, 112003	7.4	43
335	Amplitude analysis and branching fraction measurement of $B_s^0 \rightarrow J/\psi + K^0$. <i>Physical Review D</i> , 2013 , 87,	4.9	32
334	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
333	First observation of $B^0 \rightarrow J/\psi + K^0$ and search for $B^0 \rightarrow J/\psi$ decays. <i>Physical Review D</i> , 2013 , 88,	4.9	14
332	Measurement of the $B_s(0) \rightarrow \pi^0$ branching fraction and search for $B(0) \rightarrow \pi^0$ decays at the LHCb experiment. <i>Physical Review Letters</i> , 2013 , 111, 101805	7.4	221
331	Search for rare $B(0) \rightarrow \ell^+ \ell^- \ell^+ \ell^-$ decays. <i>Physical Review Letters</i> , 2013 , 110, 211801	7.4	14
330	Observation of . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 707, 52-59	4.2	104
329	Measurement of the effective $B_s^0 \rightarrow K^+ K^-$ lifetime. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 707, 349-356	4.2	16
328	Measurement of the CP violating phase . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 707, 497-505	4.2	34
327	Search for the rare decays . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 708, 55-67	4.2	29
326	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
325	First observation of the decay . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 709, 50-58	4.2	22
324	Measurement of the $B_s^0 B_{s^0}^0$ oscillation frequency Δm_s in $B_s^0 \rightarrow D_s(B) \ell^+ \ell^-$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 709, 177-184	4.2	42
323	Observation of CP violation in $B^0 \rightarrow DK^0$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 712, 203-212	4.2	69
322	Measurement of charged particle multiplicities in pp collisions at ($\sqrt{s} = 7 \text{ TeV}$) in the forward region. <i>European Physical Journal C</i> , 2012 , 72, 1	4.2	24
321	Observation of X(3872) production in pp collisions at ($\sqrt{s} = 7 \text{ TeV}$). <i>European Physical Journal C</i> , 2012 , 72, 1	4.2	121

320	Opposite-side flavour tagging of mesons at the LHCb experiment. <i>European Physical Journal C</i> , 2012 , 72, 2022	4.2	39
319	Measurement of production in collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2012 , 72, 2025	4.2	83
318	Measurement of the B_{μ} production cross-section in pp collisions at $(\sqrt{s}) = 7$ TeV. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	19
317	Measurements of the branching fractions of the decays $B_{\mu} \rightarrow D_{\mu} \pi^{\pm}$ and $B_{\mu} \rightarrow D_{\mu} \pi^{\pm}$. <i>Journal of High Energy Physics</i> , 2012 , 2012,	5.4	15
316	Observation of double charm production involving open charm in pp collisions at $(\sqrt{s}) = 7$ TeV. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	86
315	Measurement of the isospin asymmetry in $B \rightarrow K^{*} \mu \mu$ decays. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	59
314	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
313	Study of $D_{\mu} \pi$ decays to $D_{\mu}^{+} K_{\mu}^{-}$ and $D_{\mu}^{0} K_{\mu}^{+}$ final states in pp collisions. <i>Journal of High Energy Physics</i> , 2012 , 2012,	5.4	24
312	Measurement of the fraction of $\chi(1S)$ originating from $B(1P)$ decays in pp collisions at $(\sqrt{s}=7, \text{TeV})$. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	17
311	First observation of the decay $B^{+} \rightarrow \mu^{+} \mu^{-} \mu^{+}$. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	35
310	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
309	Measurements of the branching fractions and CP asymmetries of $B_{\mu} \rightarrow J/\psi \mu$ and $B_{\mu} \rightarrow \psi(2S) \mu$ decays. <i>Physical Review D</i> , 2012 , 85,	4.9	19
308	First evidence of direct CP violation in charmless two-body decays of B_{μ}^{0} mesons. <i>Physical Review Letters</i> , 2012 , 108, 201601	7.4	43
307	Measurement of the ratio of branching fractions $B(B_{\mu}^{0} \rightarrow K^{*0} \mu) / B(B_{\mu}^{0} \rightarrow \mu \mu)$. <i>Physical Review D</i> , 2012 , 85,	4.9	12
306	Searches for Majorana neutrinos in $B_{\mu} \mu \mu$ decays. <i>Physical Review D</i> , 2012 , 85,	4.9	47
305	Measurement of b hadron production fractions in 7 TeV pp collisions. <i>Physical Review D</i> , 2012 , 85,	4.9	105
304	Measurement of the . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 713, 172-179	4.2	12
303	Measurement of the . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 713, 186-195	4.2	33

302	Measurement of the polarization amplitudes and triple product asymmetries in the . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 713, 369-377	4.2	13
301	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	31
300	Measurement of the cross-section ratio . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 714, 215-223	4.2	41
299	Measurement of (2) meson production in collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2012 , 72, 2100	4.2	63
298	Measurement of relative branching fractions of decays to (2) and $/$ mesons. <i>European Physical Journal C</i> , 2012 , 72, 2118	4.2	18
297	Measurement of prompt hadron production ratios in pp collisions at $(\sqrt{s} = 0.9\text{mbox{ and }7\sim\mathrm{TeV}})$. <i>European Physical Journal C</i> , 2012 , 72, 1	4.2	23
296	Measurement of the effective . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 716, 393-400	4.2	10
295	A model-independent Dalitz plot analysis of . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 718, 43-55	4.2	20
294	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
293	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
292	Inclusive W and Z production in the forward region at $(\sqrt{s} = 7,\{\text{TeV}})$. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	60
291	First observation of the decay $B(c)^+ \rightarrow J/\psi \pi^+ \pi^0$. <i>Physical Review Letters</i> , 2012 , 108, 251802	7.4	50
290	Differential branching fraction and angular analysis of the decay $B^0 \rightarrow K^*0 \pi^+ \pi^-$. <i>Physical Review Letters</i> , 2012 , 108, 181806	7.4	39
289	Measurement of the $B\psi(0)$ effective lifetime in the $J/\psi(980)$ final state. <i>Physical Review Letters</i> , 2012 , 109, 152002	7.4	14
288	First observation of the decays $B(0) \rightarrow D(+)\bar{K}(-)\pi^+\pi^-$ and $B(-) \rightarrow D(0)\bar{K}(-)\pi^+\pi^-$. <i>Physical Review Letters</i> , 2012 , 108, 161801	7.4	8
287	Observation of excited $(b)(0)$ baryons. <i>Physical Review Letters</i> , 2012 , 109, 172003	7.4	68
286	Analysis of the resonant components in $B\psi(0) \rightarrow J/\psi \pi^+ \pi^-$. <i>Physical Review D</i> , 2012 , 86,	4.9	59
285	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

284	Measurement of the $B_s^0 \rightarrow J/\psi K^0$ branching fraction and angular amplitudes. <i>Physical Review D</i> , 2012 , 86,	4.9	17
283	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
282	Search for lepton number violating decays $B^+ \rightarrow \mu \mu$ and $B^+ \rightarrow K^- \mu \mu$. <i>Physical Review Letters</i> , 2012 , 108, 101601	7.4	35
281	Measurement of the CP-violating phase $\phi(s)$ in the decay $B(s)(0) \rightarrow J/\psi$. <i>Physical Review Letters</i> , 2012 , 108, 101803	7.4	95
280	Search for the X(4140) state in $B^+ \rightarrow J/\psi K^+$ decays. <i>Physical Review D</i> , 2012 , 85,	4.9	55
279	First observation of the decays $B^0 \rightarrow D_s + K^0$ and $B^0 \rightarrow D_s^*(2536) + K^0$. <i>Physical Review D</i> , 2012 , 86,	4.9	9
278	Measurements of $B(c)^+$ production and mass with the $B(c)^+ \rightarrow J/\psi$ decay. <i>Physical Review Letters</i> , 2012 , 109, 232001	7.4	53
277	Observation of $B^0 \rightarrow D^0 K^+ K^-$ and evidence for $B(s)(0) \rightarrow D^0 K^+ K^-$. <i>Physical Review Letters</i> , 2012 , 109, 131801	7.4	22
276	Publisher's Note: Evidence for CP Violation in Time-Integrated $D^0 \rightarrow h^0 \mu^+ \mu^-$ decay rates [Phys. Rev. Lett. 108, 111602 (2012)]. <i>Physical Review Letters</i> , 2012 , 108,	7.4	2
275	Observation of $B(s)(0) \rightarrow J/\psi(2)^*(1525)$ in $J/\psi K^-$ final states. <i>Physical Review Letters</i> , 2012 , 108, 151801	7.4	16
274	Key developments of the Ganga task-management framework. <i>Journal of Physics: Conference Series</i> , 2012 , 396, 032061	0.3	
273	BESIII and SuperB: distributed job management with Ganga. <i>Journal of Physics: Conference Series</i> , 2012 , 396, 032120	0.3	1
272	Absolute luminosity measurements with the LHCb detector at the LHC. <i>Journal of Instrumentation</i> , 2012 , 7, P01010-P01010	1	34
271	Observation of double charm production involving open charm in pp collisions at $\sqrt{s} = 7$ TeV. 2012 , 2012, 1		2
270	Distributed analysis at LHCb. <i>Journal of Physics: Conference Series</i> , 2011 , 331, 072037	0.3	
269	Reinforcing user data analysis with Ganga in the LHC era: scalability, monitoring and user-support. <i>Journal of Physics: Conference Series</i> , 2011 , 331, 072011	0.3	
268	Measurement of the inclusive σ cross-section in pp collisions at $\sqrt{s} = 7$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 703, 267-273	4.2	18
267	First observation of the decay $B^0 \rightarrow \mu^+ \mu^-$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 706, 32-39	4.2	14

266	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
265	Measurement of V_0 production ratios in pp collisions at $(\sqrt{s} = 0.9)$ and 7 TeV. <i>Journal of High Energy Physics</i> , 2011 , 2011, 1	5.4	12
264	Search for CP violation in $D^{*+} \rightarrow K^0 \pi^+$ decays. <i>Physical Review D</i> , 2011 , 84,	4.9	17
263	First observation of $B^0 \rightarrow D_s^{*+} X^0$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 698, 14-20	4.2	25
262	First observation of $B_s^0 \rightarrow J/\psi(980)$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 698, 115-122	4.2	66
261	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
260	Measurements of the branching fractions for $B(s) \rightarrow D(s) \mu^+ \mu^-$ and $B^0 \rightarrow \mu^+ \mu^-$ <i>Physical Review D</i> , 2011 , 84,	4.9	20
259	Determination of $f(s)/f(d)$ for 7 TeV pp collisions and measurement of the $B^0 \rightarrow D^- K^+$ branching fraction. <i>Physical Review Letters</i> , 2011 , 107, 211801	7.4	23
258	Distributed analysis in ATLAS using GANGA. <i>Journal of Physics: Conference Series</i> , 2010 , 219, 072002	0.3	3
257	User analysis of LHCb data with Ganga. <i>Journal of Physics: Conference Series</i> , 2010 , 219, 072008	0.3	2
256	Ganga: User-friendly Grid job submission and management tool for LHC and beyond. <i>Journal of Physics: Conference Series</i> , 2010 , 219, 072022	0.3	3
255	The decay. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2010 , 209, 143-148		
254	On the new physics reach of the decay mode $(\bar{B}_d \rightarrow \bar{K}^{*0} \ell^+ \ell^-)$. <i>Journal of High Energy Physics</i> , 2010 , 2010, 1	5.4	78
253	Flavor physics in the quark sector. <i>Physics Reports</i> , 2010 , 494, 197-414	27.7	150
252	Prompt μ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2010 , 693, 69-80	4.2	20
251	Measurement of μ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2010 , 694, 209-216	4.2	107
250	Rare Decays in LHCb. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2010 , 209, 15-20		
249	Ganga: A tool for computational-task management and easy access to Grid resources. <i>Computer Physics Communications</i> , 2009 , 180, 2303-2316	4.2	60

248 B, D and K decays. *Advances in the Physics of Particles and Nuclei*, **2009**, 297-480

247 The LHCb Detector at the LHC. *Journal of Instrumentation*, **2008**, 3, S08005-S08005 1 622

246 The ATLAS TRT Barrel Detector. *Journal of Instrumentation*, **2008**, 3, P02014-P02014 1 18

245 Exclusive branching-fraction measurements of semileptonic tau decays into three charged hadrons, into $\phi\pi^0$, and into ϕK^0 . *Physical Review Letters*, **2008**, 100, 011801 7.4 55

244 Publisher's Note: Erratum: Measurement of Branching Fractions and Mass Spectra of $B \rightarrow K^0$ [Phys. Rev. Lett. 98, 211804 (2007)] [Phys. Rev. Lett. 100, 189903 (2008)]. *Physical Review Letters*, **2008**, 100, 100, 7.4 2

243 Combined performance tests before installation of the ATLAS Semiconductor and Transition Radiation Tracking Detectors. *Journal of Instrumentation*, **2008**, 3, P08003-P08003 1 39

242 The ATLAS TRT electronics. *Journal of Instrumentation*, **2008**, 3, P06007-P06007 1 9

241 New observables in the decay mode $B \rightarrow K^0$. *Journal of High Energy Physics*, **2008**, 2008, 032-032 5.4 123

240 The ATLAS TRT end-cap detectors. *Journal of Instrumentation*, **2008**, 3, P10003-P10003 1 16

239 The ATLAS Transition Radiation Tracker (TRT) proportional drift tube: design and performance. *Journal of Instrumentation*, **2008**, 3, P02013-P02013 1 16

238 Distributed analysis using GANGA on the EGEE/LCG infrastructure. *Journal of Physics: Conference Series*, **2008**, 119, 072014 0.3 5

237 B, D and K decays. *European Physical Journal C*, **2008**, 57, 309-492 4.2 100

236 Inclusive \bar{D}^+ production in e^+e^- annihilations at $\sqrt{s}=10.54$ GeV and in $\Upsilon(4S)$ decays. *Physical Review D*, **2007**, 75, 4.9 15

235 Search for the reactions $e^+e^- \rightarrow \bar{D}^+D^0$ and $e^+e^- \rightarrow \bar{D}^+D^+$. *Physical Review D*, **2007**, 75, 4.9 8

234 Measurement of the $B^0 \rightarrow \bar{D}^0$ branching fraction and direct CP asymmetry. *Physical Review D*, **2007**, 75, 4.9 11

233 Branching fraction measurement of $B^0 \rightarrow D^{(*)+}$ and $B^0 \rightarrow D^{(*)0}$ and isospin analysis of $B^0 \rightarrow D^{(*)}$ decays. *Physical Review D*, **2007**, 75, 4.9 9

232 Improved measurements of the branching fractions for $B^0 \rightarrow \bar{D}^0$ and $B^0 \rightarrow K^0$ and a search for $B^0 \rightarrow K^0 K^0$. *Physical Review D*, **2007**, 75, 4.9 33

231 Study of inclusive B^0 and B^+ decays to flavor-tagged D, Ds, and \bar{D}^+ . *Physical Review D*, **2007**, 75, 4.9 9

230	Measurement of B decays to ηK . <i>Physical Review D</i> , 2007 , 75,	4.9	7
229	Performance of the LHCb RICH photodetectors in a charged particle beam. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2007 , 574, 39-49	1.2	9
228	Towards the european strategy for particle physics: The briefing book. <i>European Physical Journal C</i> , 2007 , 51, 421-500	4.2	8
227	Measurements of B^+ branching fractions of Cabibbo-suppressed decay modes involving η and η' . <i>Physical Review D</i> , 2007 , 75,	4.9	7
226	Observation of a Charmed Baryon Decaying to $D_s^0 p$ at a Mass Near $2.94 \text{ GeV}/c^2$. <i>Physical Review Letters</i> , 2007 , 98, 012001	7.4	97
225	Measurement of the CP asymmetry and branching fraction of $B^0 \rightarrow \rho^0 K^0$. <i>Physical Review Letters</i> , 2007 , 98, 051803	7.4	6
224	Evidence of a broad structure at an invariant mass of $4.32 \text{ GeV}/c^2$ in the reaction $e^+e^- \rightarrow \pi^+\pi^-\psi(2S)$ measured at BABAR. <i>Physical Review Letters</i> , 2007 , 98, 212001	7.4	200
223	Observation of decays $B^0 \rightarrow D_s^{(*)+} \pi^-$ and $B^0 \rightarrow D_s^{(*)-} K^+$. <i>Physical Review Letters</i> , 2007 , 98, 081801	7.4	9
222	Measurement of the pseudoscalar decay constant f_D s using charm-tagged events in e^+e^- collisions at square root $s=10.58 \text{ GeV}$. <i>Physical Review Letters</i> , 2007 , 98, 141801	7.4	39
221	Search for lepton flavor violating decays $\tau^{(\pm)} \rightarrow l^{(\pm)}\pi^0$, $l^{(\pm)}\eta$, $l^{(\pm)}\eta'$. <i>Physical Review Letters</i> , 2007 , 98, 061803	7.4	33
220	Vector-tensor and vector-vector decay amplitude analysis of $B^0 \rightarrow \phi K^0$. <i>Physical Review Letters</i> , 2007 , 98, 051801	7.4	40
219	Measurement of branching fractions and mass spectra of $B \rightarrow K\pi\pi\gamma$. <i>Physical Review Letters</i> , 2007 , 98, 211804	7.4	7
218	Observation of $B \rightarrow \eta' K^*$ and evidence for $B \rightarrow \eta' \rho^+$. <i>Physical Review Letters</i> , 2007 , 98, 051802	7.4	7
217	Observation of CP violation in $B \rightarrow \eta' K^0$ decays. <i>Physical Review Letters</i> , 2007 , 98, 031801	7.4	21
216	GridPP: development of the UK computing Grid for particle physics. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2006 , 32, N1-N20	2.9	191
215	Measurement of branching fractions and resonance contributions for $B^0 \rightarrow D^0 K^+ \pi^-$ and search for $B^0 \rightarrow D^0 K^+ \pi^-$ decays. <i>Physical Review Letters</i> , 2006 , 96, 011803	7.4	13
214	Measurement of the spin of the $\omega(-)$ hyperon. <i>Physical Review Letters</i> , 2006 , 97, 112001	7.4	17
213	Observation of e^+e^- annihilation into the $C = +1$ hadronic final states $\rho(0)\rho(0)$ and $\phi\rho(0)$. <i>Physical Review Letters</i> , 2006 , 97, 112002	7.4	8

212	Observation of $B^+ \rightarrow K^0 K^+$ and $B^0 \rightarrow K^0 K^0$. <i>Physical Review Letters</i> , 2006 , 97, 171805	7.4	52
211	Measurement of the inclusive electron spectrum in charmless semileptonic B decays near the kinematic end point and determination of $ V_{ub} $. <i>Physical Review D</i> , 2006 , 73,	4.9	40
210	Measurements of the absolute branching fractions of $B^{+/-} \rightarrow K^{+/-} X(cc)$. <i>Physical Review Letters</i> , 2006 , 96, 052002	7.4	60
209	Structure at 2175 MeV in $e^+e^- \rightarrow f_0(980)$ observed via initial-state radiation. <i>Physical Review D</i> , 2006 , 74,	4.9	102
208	Measurement of branching fractions and charge asymmetries in B decays to an eta meson and a K^* meson. <i>Physical Review Letters</i> , 2006 , 97, 201802	7.4	18
207	Measurements of neutral B decay branching fractions to KS^0 final states and the charge asymmetry of $B^0 \rightarrow K^* + \pi$. <i>Physical Review D</i> , 2006 , 73,	4.9	26
206	Measurement of the B^0 lifetime and the $B^0 B^0$ oscillation frequency using partially reconstructed $B^0 \rightarrow D^* + \pi$ decays. <i>Physical Review D</i> , 2006 , 73,	4.9	14
205	Measurements of branching fractions, polarizations, and direct CP-violation asymmetries in $B \rightarrow \rho K^*$ and $B \rightarrow f_0(980) K^*$ decays. <i>Physical Review Letters</i> , 2006 , 97, 201801	7.4	41
204	Observation of Upsilon(4S) decays to $\pi^+ \pi^-$ Upsilon(1S) and $\pi^+ \pi^-$ Upsilon(2S). <i>Physical Review Letters</i> , 2006 , 96, 232001	7.4	39
203	Study of $e^+e^- \rightarrow p\bar{p}$ using initial state radiation with BABAR. <i>Physical Review D</i> , 2006 , 73,	4.9	180
202	Measurement of the $B \rightarrow \pi l \nu$ branching fraction and determination of absolute value of V_{ub} with tagged B mesons. <i>Physical Review Letters</i> , 2006 , 97, 211801	7.4	36
201	Observation of an excited charm baryon Omega c^* decaying to Omega $c_0 \gamma$. <i>Physical Review Letters</i> , 2006 , 97, 232001	7.4	86
200	Observation of $B^{+/-} \rightarrow \phi \pi K^{+/-}$ and evidence for $B^{(0)} \rightarrow \phi \pi K^{(0)}$ below eta(c) threshold. <i>Physical Review Letters</i> , 2006 , 97, 261803	7.4	4
199	Search for D^0 - D^0 mixing and branching-ratio measurement in the decay $D^0 \rightarrow K^+ \pi^- \pi^0$. <i>Physical Review Letters</i> , 2006 , 97, 221803	7.4	17
198	Search for lepton flavor violation in the decay $\tau^{+/-} \rightarrow e^{+/-} \gamma$. <i>Physical Review Letters</i> , 2006 , 96, 041801	7.4	91
197	Measurements of branching fraction, polarization, and charge asymmetry of $B^{+/-} \rightarrow \rho^{+/-} \rho^{(0)}$ and a search for $B^{+/-} \rightarrow \rho^{+/-} f_0(980)$. <i>Physical Review Letters</i> , 2006 , 97, 261801	7.4	23
196	Dalitz plot analysis of the decay $B_{\mu} \rightarrow K_{\mu} K_{\mu}^*$. <i>Physical Review D</i> , 2006 , 74,	4.9	52
195	Measurement of the \bar{B} and B transition form factors at $q^2 = 112 \text{ GeV}^2$. <i>Physical Review D</i> , 2006 , 74,	4.9	59

194	Measurements of branching fractions, rate asymmetries, and angular distributions in the rare decays $B \rightarrow K^* \bar{K}^0$ and $B \rightarrow K^* K^0$. <i>Physical Review D</i> , 2006 , 73,	4.9	119
193	Measurement of the absolute branching fractions $B \rightarrow D^* D^{**}$ with a missing mass method. <i>Physical Review D</i> , 2006 , 74,	4.9	8
192	Measurement of the branching fraction and photon energy moments of $B \rightarrow X_s \gamma$ and $A(\text{CP})(B \rightarrow X(s+d \gamma))$. <i>Physical Review Letters</i> , 2006 , 97, 171803	7.4	52
191	Observation of a new D_s meson decaying to DK at a mass of $2.86 \text{ GeV}/c^2$. <i>Physical Review Letters</i> , 2006 , 97, 222001	7.4	117
190	Determinations of from inclusive semileptonic decays with reduced model dependence. <i>Physical Review Letters</i> , 2006 , 96, 221801	7.4	20
189	Search for the rare decay $B^0 \rightarrow \tau^+ \tau^-$ at BABAR. <i>Physical Review Letters</i> , 2006 , 96, 241802	7.4	27
188	Observation of B^0 meson decay to a $1^+/(1260)\pi^+ / \pi^-$. <i>Physical Review Letters</i> , 2006 , 97, 051802	7.4	39
187	Search for T, CP, and CPT violation in B^0 - \bar{B}^0 mixing with inclusive dilepton events. <i>Physical Review Letters</i> , 2006 , 96, 251802	7.4	65
186	Measurement of branching fractions and CP-violating charge asymmetries for B-meson decays to $D^{(*)} D^{\prime(*)}$, and implications for the Cabibbo-Kobayashi-Maskawa angle β . <i>Physical Review D</i> , 2006 , 73,	4.9	20
185	Study of the decay $B^0 \rightarrow D^* K^0$. <i>Physical Review D</i> , 2006 , 74,	4.9	12
184	Search for the decay $B^0 \rightarrow K_S^0 K_S^0 K_L^0$. <i>Physical Review D</i> , 2006 , 74,	4.9	3
183	Measurement of the $D^+ \rightarrow \bar{K}^0$ and $D^+ \rightarrow K^+ \bar{K}^0$ branching fractions. <i>Physical Review D</i> , 2006 , 74,	4.9	10
182	Measurement of the $B^0 \rightarrow D^0 K^* \bar{K}^0$ branching fraction. <i>Physical Review D</i> , 2006 , 73,	4.9	6
181	Precise branching ratio measurements of the decays $D^0 \rightarrow \bar{K}^0$ and $D^0 \rightarrow K^* \bar{K}^0$ relative to the $D^0 \rightarrow K^* \bar{K}^0$ decay. <i>Physical Review D</i> , 2006 , 74,	4.9	7
180	Branching fraction measurements of charged B decays to $K^* K^+ K^0$, $K^* K^+ K^0$, $K^* K^+ K^0$, and $K^* K^+ K^0$ final states. <i>Physical Review D</i> , 2006 , 74,	4.9	10
179	Searches for B^0 decays to K_S^0 , $K_S^0 K_S^0$, $K_S^0 K_L^0$, and $K_S^0 K_L^0$. <i>Physical Review D</i> , 2006 , 74,	4.9	12
178	Study of the X(3872) and Y(4260) in $B^0 \rightarrow J/\psi K_S^0$ and $B^0 \rightarrow J/\psi K^0$ decays. <i>Physical Review D</i> , 2006 , 73,	4.9	76
177	Measurement of the branching fraction and time-dependent CP asymmetry in the decay $B^0 \rightarrow D^* K_S^0$. <i>Physical Review D</i> , 2006 , 74,	4.9	20

176	The $e^+e^- \rightarrow 3(\pi^0) 2(\pi^0)$ and $K^+K^0(\pi^0)$ cross sections at center-of-mass energies from production threshold to 4.5 GeV measured with initial-state radiation. <i>Physical Review D</i> , 2006 , 73,	4.9	107
175	Measurements of the branching fraction and time-dependent CP asymmetries of $B^0 \rightarrow J/\psi$ decays. <i>Physical Review D</i> , 2006 , 74,	4.9	10
174	Search for rare quark-annihilation decays, $B \rightarrow D_s^{(*)} \pi$. <i>Physical Review D</i> , 2006 , 73,	4.9	7
173	Study of the $D_s J^*(2317)^+$ and $D_s J(2460)^+$ mesons in inclusive $cc\bar{c}$ production near $\sqrt{s}=10.6$ GeV. <i>Physical Review D</i> , 2006 , 74,	4.9	35
172	Search for the rare decays $B^0 \rightarrow D_s^{(*)} + a_0(2)\pi$. <i>Physical Review D</i> , 2006 , 73,	4.9	5
171	Search for the decay of a B^0 or $B^0\pi$ meson to $K^+K^0K^0$ or $K^*K^0K^0$. <i>Physical Review D</i> , 2006 , 74,	4.9	7
170	Measurements of CP-violating asymmetries and branching fractions in B decays to K and π . <i>Physical Review D</i> , 2006 , 74,	4.9	10
169	Branching fraction limits for B^0 decays to $\pi^+\pi^0$ and π . <i>Physical Review D</i> , 2006 , 73,	4.9	12
168	Measurement of $B^0 \rightarrow D^{(*)} K^0 K^0$ branching fractions. <i>Physical Review D</i> , 2006 , 74,	4.9	15
167	Measurement of the ratio $B(B^+ \rightarrow X e^+) / B(B^0 \rightarrow X e^+)$. <i>Physical Review D</i> , 2006 , 74,	4.9	8
166	Measurement of branching fractions in radiative B decays to $K^0\pi$ and search for B decays to K^0K^0 . <i>Physical Review D</i> , 2006 , 74,	4.9	10
165	Search for doubly charmed baryons $\bar{d}c^+$ and $\bar{d}c^{++}$ in BABAR. <i>Physical Review D</i> , 2006 , 74,	4.9	116
164	Measurement of time-dependent CP asymmetries in $B^0 \rightarrow D^{(*)} \pi^0$ and $B^0 \rightarrow D \pi^0$ decays. <i>Physical Review D</i> , 2006 , 73,	4.9	18
163	Measurements of the $B \rightarrow D^*$ form factors using the decay $B^0 \rightarrow D^{*+} e^- \pi^+$. <i>Physical Review D</i> , 2006 , 74,	4.9	20
162	Search for $B^+ \rightarrow \pi^0 \pi^+$ and $B^0 \rightarrow \pi^0 \pi^0$ decays. <i>Physical Review D</i> , 2006 , 74,	4.9	14
161	Measurements of the decays $B^0 \rightarrow D^0 p \bar{p}$, $B^0 \rightarrow D^+ 0 p \bar{p}$, $B^0 \rightarrow D^0 \bar{p} p$, and $B^0 \rightarrow D^+ \bar{p} p$. <i>Physical Review D</i> , 2006 , 74,	4.9	27
160	Study of $B \rightarrow D^{(*)} D_s(J)^{(*)}$ decays and measurement of D_s and $D_s J(2460)$ branching fractions. <i>Physical Review D</i> , 2006 , 74,	4.9	29
159	Search for the decay $B^+ \rightarrow \pi^0 \pi^+$. <i>Physical Review D</i> , 2006 , 73,	4.9	12

158	Search for B meson decays to ΞK . <i>Physical Review D</i> , 2006 , 74,	4.9	3
157	Search for $B^{+ \rightarrow X(3872)K^+}$, $X(3872) \rightarrow J/\psi$ <i>Physical Review D</i> , 2006 , 74,	4.9	106
156	Search for the charmed pentaquark candidate $\Xi(3100)0$ in e^+e^- annihilations at $s=10.58$ GeV. <i>Physical Review D</i> , 2006 , 73,	4.9	10
155	Search for the decay $B^0 \rightarrow a_1 \eta$. <i>Physical Review D</i> , 2006 , 74,	4.9	12
154	Measurement of CP observables for the decays $B_{\pm}^0 \rightarrow D^{\pm} P^0 K_{\pm}^0$. <i>Physical Review D</i> , 2006 , 73,	4.9	12
153	Search for the decay $B^0 \rightarrow 3\pi^0$. <i>Physical Review D</i> , 2006 , 73,	4.9	4
152	B meson decays to K^* , ρ , and ω . <i>Physical Review D</i> , 2006 , 74,	4.9	14
151	Search for the rare decay $B^0 \rightarrow D^* \pi$ <i>Physical Review D</i> , 2005 , 72,	4.9	1
150	Measurement of the total width, the electronic width, and the mass of the $\Upsilon(10580)$ resonance. <i>Physical Review D</i> , 2005 , 72,	4.9	23
149	Time-integrated and time-dependent angular analyses of $B \rightarrow J/\psi K$ A measurement of $\cos 2\phi$ with no sign ambiguity from strong phases. <i>Physical Review D</i> , 2005 , 71,	4.9	72
148	Amplitude analysis of the decay $B_{\pm}^0 \rightarrow \eta \eta$. <i>Physical Review D</i> , 2005 , 72,	4.9	30
147	Search for the rare decays $B^{+ \rightarrow D^{(*)} K^0 S^0}$. <i>Physical Review D</i> , 2005 , 72,	4.9	5
146	Dalitz plot analysis of $D^0 \rightarrow K^0 K^+ K^-$ <i>Physical Review D</i> , 2005 , 72,	4.9	18
145	Search for the radiative decay $B^0 \rightarrow \gamma \pi$ <i>Physical Review D</i> , 2005 , 72,	4.9	6
144	Measurements of B meson decays to K^* and ρ <i>Physical Review D</i> , 2005 , 71,	4.9	5
143	Measurement of the $B^{+ \rightarrow \rho^+ \rho^+ K^+}$ branching fraction and study of the decay dynamics. <i>Physical Review D</i> , 2005 , 72,	4.9	65
142	Study of $B \rightarrow \rho$ and $B \rightarrow \omega$ decays and determination of $ V_{ub} $. <i>Physical Review D</i> , 2005 , 72,	4.9	27
141	Measurement of the $B^0 \rightarrow D^{*+} \pi^-$ decay rate and $ V_{cb} $. <i>Physical Review D</i> , 2005 , 71,	4.9	12

140	$e^+e^- \rightarrow \mu^+\mu^- K^+K^-$ and $K^+K^0 + K^-K^0$ cross sections at center-of-mass energies 0.5–1.5 GeV measured with initial-state radiation. <i>Physical Review D</i> , 2005 , 71,	4.9	109
139	Measurement of the time-dependent CP-violating asymmetry in $B^0 \rightarrow KS^0$ decays. <i>Physical Review D</i> , 2005 , 72,	4.9	22
138	Measurement of CP observables for the decays $B^0 \rightarrow D^0 K^+ K^-$. <i>Physical Review D</i> , 2005 , 72,	4.9	12
137	Search for $b \rightarrow u$ transitions in $B^0 \rightarrow D^0 K^+ K^-$ and $B^0 \rightarrow D^{*0} K^+ K^-$. <i>Physical Review D</i> , 2005 , 72,	4.9	19
136	Search for the W-exchange decays $B^0 \rightarrow D_s^{(*)} D_s^{(*)+}$. <i>Physical Review D</i> , 2005 , 72,	4.9	7
135	Evidence for the decay $B^0 \rightarrow K^* K^0$. <i>Physical Review D</i> , 2005 , 71,	4.9	10
134	Search for a charged partner of the X(3872) in the B meson decay $B \rightarrow X K$, $X \rightarrow J/\psi$. <i>Physical Review D</i> , 2005 , 71,	4.9	71
133	Measurement of the branching fraction and the CP-violating asymmetry for the decay $B^0 \rightarrow KS^0$. <i>Physical Review D</i> , 2005 , 71,	4.9	19
132	Study of the $B^0 \rightarrow 3h^0 h^+ h^-$ decay. <i>Physical Review D</i> , 2005 , 72,	4.9	13
131	Measurement of CP asymmetries in $B^0 \rightarrow \eta K^0$ and $B^0 \rightarrow K^+ K^- s^0$ decays. <i>Physical Review D</i> , 2005 , 71,	4.9	36
130	Search for the decay $B^0 \rightarrow 4\pi^0$. <i>Physical Review D</i> , 2005 , 72,	4.9	9
129	Measurement of the branching fraction and decay rate asymmetry of $B^0 \rightarrow D^0 K^0$. <i>Physical Review D</i> , 2005 , 72,	4.9	3
128	Dalitz-plot analysis of the decays $B^0 \rightarrow K^0 \pi^0$. <i>Physical Review D</i> , 2005 , 72,	4.9	89
127	Study of $b \rightarrow c$ interference in the decay $B^0 \rightarrow [K^+ \pi^-] D K^*$. <i>Physical Review D</i> , 2005 , 72,	4.9	8
126	Study of the $B^0 \rightarrow J/\psi K^0$ decay and measurement of the $B^0 \rightarrow X(3872) K^0$ branching fraction. <i>Physical Review D</i> , 2005 , 71,	4.9	333
125	Measurement of the $B^0 \rightarrow D^* D_s^{*+}$ and $D_s^{*+} \rightarrow \eta$ branching fractions. <i>Physical Review D</i> , 2005 , 71,	4.9	25
124	Measurement of double charmonium production in e^+e^- annihilations at $s=10.6$ GeV. <i>Physical Review D</i> , 2005 , 72,	4.9	136
123	Search for CP violation and a measurement of the relative branching fraction in $D^{*+} \rightarrow K^0 \pi^+$ decays. <i>Physical Review D</i> , 2005 , 71,	4.9	16

122	Measurement of the branching ratios $\mathcal{B}(D_s^{*+} \rightarrow D_s + \pi^0) / \mathcal{B}(D_s^{*+} \rightarrow D_s + \eta)$ and $\mathcal{B}(D^{*0} \rightarrow D^0 \pi^0) / \mathcal{B}(D^{*0} \rightarrow D^0 \eta)$ <i>Physical Review D</i> , 2005 , 72,	4.9	11
121	Measurement of the ratio $\mathcal{B}(B \rightarrow D^* K) / \mathcal{B}(B \rightarrow D^* \pi)$ and of the CP asymmetry of $B \rightarrow DCP^* K$ decays. <i>Physical Review D</i> , 2005 , 71,	4.9	13
120	Search for $B \rightarrow J/\psi D$ decays. <i>Physical Review D</i> , 2005 , 71,	4.9	8
119	Precision measurement of the Ξ^+ baryon mass. <i>Physical Review D</i> , 2005 , 72,	4.9	30
118	Measurement of time-dependent CP asymmetries and the CP-odd fraction in the decay $B^0 \rightarrow D^* + D^{*-}$. <i>Physical Review Letters</i> , 2005 , 95, 151804	7.4	9
117	Search for the rare leptonic decay $B \rightarrow \tau \nu$. <i>Physical Review Letters</i> , 2005 , 95, 041804	7.4	14
116	Determination of $ V_{ub} $ from measurements of the electron and neutrino momenta in inclusive semileptonic B decays. <i>Physical Review Letters</i> , 2005 , 95, 111801	7.4	20
115	Measurement of the branching fraction of $\Gamma(4S) \rightarrow B^0 B^0$. <i>Physical Review Letters</i> , 2005 , 95, 042001	7.4	12
114	Measurements of the branching fraction and CP-violation asymmetries in $B^0 \rightarrow f_0(980) K^0 S$. <i>Physical Review Letters</i> , 2005 , 94, 041802	7.4	20
113	Limit on the $B^0 \rightarrow \rho^0 \rho^0$ branching fraction and implications for the Cabibbo-Kobayashi-Maskawa angle α . <i>Physical Review Letters</i> , 2005 , 94, 131801	7.4	20
112	Branching fraction and CP asymmetries of $B^0 \rightarrow K^0(S) K^0(S) K^0(S)$. <i>Physical Review Letters</i> , 2005 , 95, 011801	7.4	12
111	Measurements of the $B \rightarrow X_s \gamma$ branching fraction and photon spectrum from a sum of exclusive final states. <i>Physical Review D</i> , 2005 , 72,	4.9	86
110	Improved measurement of CP asymmetries in $B^0 \rightarrow (cc)K(0^*)$ decays. <i>Physical Review Letters</i> , 2005 , 94, 161803	7.4	92
109	Measurement of time-dependent CP-violating asymmetries and constraints on $\sin(2\beta)$ with partial reconstruction of $B \rightarrow D^* \eta$ decays. <i>Physical Review D</i> , 2005 , 71,	4.9	23
108	Observation of a broad structure in the $\pi^+ \pi^- J/\psi$ mass spectrum around $4.26 \text{ GeV}/c^2$. <i>Physical Review Letters</i> , 2005 , 95, 142001	7.4	526
107	Measurement of time-dependent CP asymmetries in $B^0 \rightarrow D^{(*)+} / -D^{*-}$ decays. <i>Physical Review Letters</i> , 2005 , 95, 131802	7.4	7
106	Search for radiative penguin decays $B^{(+)} \rightarrow \rho^{(+)} \gamma$, $B^{(0)} \rightarrow \rho^{(0)} \gamma$, and $B^{(0)} \rightarrow \omega \gamma$. <i>Physical Review Letters</i> , 2005 , 94, 011801	7.4	11
105	Search for lepton-flavor and lepton-number violation in the decay $\tau^{(-)} \rightarrow l^{(+)} h^{(-)} h'^{(-)}$. <i>Physical Review Letters</i> , 2005 , 95, 191801	7.4	32

104	Production and decay of $\chi(c)(0)$ at BABAR. <i>Physical Review Letters</i> , 2005 , 95, 142003	7.4	9
103	Measurement of branching fractions and charge asymmetries for exclusive B decays to charmonium. <i>Physical Review Letters</i> , 2005 , 94, 141801	7.4	26
102	Improved measurements of CP-violating asymmetry amplitudes in $B^0 \rightarrow \pi^+ \pi^-$ decays. <i>Physical Review Letters</i> , 2005 , 95, 151803	7.4	26
101	Measurement of branching fractions and charge asymmetries in B^+ decays to $\eta \pi^+$, ηK^+ , $\eta \rho^+$, and $\eta' \pi^+$, and search for B^0 decays to ηK^0 and $\eta \omega$. <i>Physical Review Letters</i> , 2005 , 95, 131803	7.4	16
100	Measurements of branching fractions and time-dependent CP-violating asymmetries in $B \rightarrow \eta' K$ decays. <i>Physical Review Letters</i> , 2005 , 94, 191802	7.4	36
99	Search for lepton flavor violation in the decay $\tau_{+/-} \rightarrow \mu^+ \gamma$. <i>Physical Review Letters</i> , 2005 , 95, 041802	7.4	121
98	Improved Measurement of the Cabibbo-Kobayashi-Maskawa angle α using $B^0(B) \rightarrow \rho^+ \rho^-$ decays. <i>Physical Review Letters</i> , 2005 , 95, 041805	7.4	31
97	Measurements of branching fractions and Dalitz distributions for $B^0 \rightarrow D^{(*)+/-} K^0 \pi^+/-$ decays. <i>Physical Review Letters</i> , 2005 , 95, 171802	7.4	3
96	Evidence for $B^+ \rightarrow K^0 K^+$ and $B^0 \rightarrow K^0 K^0$, and measurement of the branching fraction and search for direct CP violation in $B^+ \rightarrow K^0 \pi^+$. <i>Physical Review Letters</i> , 2005 , 95, 221801	7.4	8
95	Search for factorization-suppressed $B \rightarrow \chi(c) K^{(*)}$ decays. <i>Physical Review Letters</i> , 2005 , 94, 171801	7.4	11
94	Branching fractions and CP asymmetries in $B^0 \rightarrow \pi^0 \pi^0$, $B^+ \rightarrow \pi^+ \pi^0$, and $B^+ \rightarrow K^+ \pi^0$ decays and isospin analysis of the $B \rightarrow \pi \pi$ system. <i>Physical Review Letters</i> , 2005 , 94, 181802	7.4	36
93	Search for decays of $B^0 \rightarrow e^+ e^-$, $B^0 \rightarrow \mu^+ \mu^-$, $B^0 \rightarrow e^+ \mu^-$. <i>Physical Review Letters</i> , 2005 , 94, 221803	7.4	12
92	Search for the decay $B^+ \rightarrow K^+ \nu \nu$. <i>Physical Review Letters</i> , 2005 , 94, 101801	7.4	34
91	Search for strange-pentaquark production in $e^+ e^-$ annihilation at $\sqrt{s} = 10.58$ GeV. <i>Physical Review Letters</i> , 2005 , 95, 042002	7.4	27
90	Measurement of the Cabibbo-Kobayashi-Maskawa angle γ in $B^+ \rightarrow D^* K^+$ decays with a Dalitz analysis of $D \rightarrow K^0(S) \pi^+ \pi^+$. <i>Physical Review Letters</i> , 2005 , 95, 121802	7.4	65
89	Limits on the decay-rate difference of neutral B mesons and on CP, T, and CPT violation in $B^0 \bar{B}^0$ oscillations. <i>Physical Review D</i> , 2004 , 70,	4.9	36
88	Bound on the ratio of decay amplitudes for $-B^0 \rightarrow J/\psi K^0$ and $B^0 \rightarrow J/\psi K^0$. <i>Physical Review Letters</i> , 2004 , 93, 081801	7.4	4
87	Measurement of the $B \rightarrow X_{sl} l$ branching fraction with a sum over exclusive modes. <i>Physical Review Letters</i> , 2004 , 93, 081802	7.4	139

86	Measurements of moments of the hadronic mass distribution in semileptonic B decays. <i>Physical Review D</i> , 2004 , 69,	4.9	34
85	Measurement of the inclusive charmless semileptonic branching ratio of B mesons and determination of $ V_{ub} $. <i>Physical Review Letters</i> , 2004 , 92, 071802	7.4	35
84	Study of the $e^+e^- \rightarrow B^0$ process using initial state radiation with BABAR. <i>Physical Review D</i> , 2004 , 70,	4.9	122
83	Measurement of time-dependent CP asymmetries in $B^0 \rightarrow D^{(*)\pm} \pi^\mp$ decays and constraints on $\sin(2\beta + \gamma)$. <i>Physical Review Letters</i> , 2004 , 92, 251801	7.4	12
82	Study of the decay $B^0(B^-) \rightarrow \rho^+\rho^-$, and constraints on the Cabibbo-Kobayashi-Maskawa angle α . <i>Physical Review Letters</i> , 2004 , 93, 231801	7.4	35
81	Measurement of time-dependent CP-violating asymmetries in $B^0 \rightarrow K^{*0} \pi^0$ decays. <i>Physical Review Letters</i> , 2004 , 93, 201801	7.4	13
80	Measurement of branching fractions of color-suppressed decays of the B^0 meson to $D^{(*)0} \pi^0$, $D^{(*)0} \pi^0 \pi^0$ and $D^0 \pi^0$. <i>Physical Review D</i> , 2004 , 69,	4.9	20
79	Measurement of the branching fraction for $B^0 \rightarrow \rho^0 K^0$. <i>Physical Review D</i> , 2004 , 69,	4.9	11
78	Search for lepton-flavor violation in the decay $\tau^- \rightarrow l^- l^+ l^-$. <i>Physical Review Letters</i> , 2004 , 92, 121801	7.4	65
77	Measurements of CP-violating asymmetries in $B^0 \rightarrow K(0^*) \pi(0)$ decays. <i>Physical Review Letters</i> , 2004 , 93, 131805	7.4	18
76	Study of high momentum η' production in $B \rightarrow \eta' X$ s. <i>Physical Review Letters</i> , 2004 , 93, 061801	7.4	10
75	Search for B^0 decays to invisible final states and to $\nu \nu \gamma$. <i>Physical Review Letters</i> , 2004 , 93, 091802	7.4	10
74	Observation of $B^0 \rightarrow \omega K^0$, $B^{+-} \rightarrow \eta \pi^+$, and $B^{+-} \rightarrow \eta K^+$ and study of related decays. <i>Physical Review Letters</i> , 2004 , 92, 061801	7.4	18
73	Observation of a narrow meson decaying to $D_s^+ \pi^-$ at a mass of $2.458 \text{ GeV}/c^2$. <i>Physical Review D</i> , 2004 , 69,	4.9	71
72	Measurement of the B^+/B^0 production ratio from the $\psi(4S)$ meson using $B^{+-} \rightarrow J/\psi K^+$ and $B^0 \rightarrow J/\psi K^0$ decays. <i>Physical Review D</i> , 2004 , 69,	4.9	31
71	Searches for B^0 decays to combinations of two charmless isoscalar mesons. <i>Physical Review Letters</i> , 2004 , 93, 181806	7.4	11
70	Branching fractions and CP asymmetries in $B^0 \rightarrow K^+ K^- K^0_S$ and $B^{+-} \rightarrow K^+ K^0_S K^0_S$. <i>Physical Review Letters</i> , 2004 , 93, 181805	7.4	15
69	Measurement of branching fractions and charge asymmetries in $B^{+-} \rightarrow \rho^+ \pi^0$ and $B^{+-} \rightarrow \rho^0 \pi^+ \pi^-$ decays, and search for $B^0 \rightarrow \rho^0 \pi^0$. <i>Physical Review Letters</i> , 2004 , 93, 051802	7.4	24

68	Search for B-meson decays to two-body final states with $a_0(980)$ mesons. <i>Physical Review D</i> , 2004 , 70,	4.9	13
67	Measurement of the direct CP asymmetry in $b \rightarrow s$ gamma Decays. <i>Physical Review Letters</i> , 2004 , 93, 021804	7.4	25
66	Observation of the decay $B_0 \rightarrow \eta$ and measurement of the branching fraction and polarization. <i>Physical Review D</i> , 2004 , 69,	4.9	26
65	Measurement of branching fractions and CP and isospin asymmetries for $B \rightarrow K^* \pi$. <i>Physical Review D</i> , 2004 , 70,	4.9	47
64	Limits on the decay-rate difference of neutral B mesons and on CP, T, and CPT violation in $B(0-0)B$ oscillations. <i>Physical Review Letters</i> , 2004 , 92, 181801	7.4	30
63	Search for the rare leptonic decay $B_{+-} \rightarrow \mu^+ \nu(\mu)$. <i>Physical Review Letters</i> , 2004 , 92, 221803	7.4	5
62	Observation of the decay $B \rightarrow J/\psi \eta K$ and search for $X(3872) \rightarrow J/\psi \eta$. <i>Physical Review Letters</i> , 2004 , 93, 041801	7.4	50
61	Search for the radiative decays $B \rightarrow \rho \gamma$ and $B_0 \rightarrow \omega \gamma$. <i>Physical Review Letters</i> , 2004 , 92, 111801	7.4	7
60	Measurements of neutral B decay branching fractions to KS_0 final states. <i>Physical Review D</i> , 2004 , 70,	4.9	2
59	Measurement of the average Γ multiplicity in B meson decay. <i>Physical Review D</i> , 2004 , 69,	4.9	1
58	Determination of the Branching Fraction for $B \rightarrow X_c D$ Decays and of $ V_{cb} $ from Hadronic-Mass and Lepton-Energy Moments. <i>Physical Review Letters</i> , 2004 , 93,	7.4	57
57	Measurements of branching fractions in $B \rightarrow \bar{K}^* \pi$ and $B \rightarrow \bar{K}^* \eta$ and search for direct CP violation in $B \rightarrow \bar{K}^* \eta$. <i>Physical Review D</i> , 2004 , 69,	4.9	17
56	Study of $B^+ \rightarrow J/\psi \pi^+$ and $B^+ \rightarrow J/\psi K^+$ decays: measurement of the ratio of branching fractions and search for direct CP violation. <i>Physical Review Letters</i> , 2004 , 92, 241802	7.4	13
55	Measurement of the $B_0 \rightarrow \phi K^0$ decay amplitudes. <i>Physical Review Letters</i> , 2004 , 93, 231804	7.4	66
54	Measurement of the branching fractions for inclusive B^0 and B^+ decays to flavor-tagged D, Ds, and \bar{D} . <i>Physical Review D</i> , 2004 , 70,	4.9	9
53	Search for flavor-changing neutral current and Lepton-flavor violating decays of $D_0 \rightarrow l^+ l^-$. <i>Physical Review Letters</i> , 2004 , 93, 191801	7.4	14
52	Study of $B \rightarrow D^{(*)} s J + D^{(*)} \bar{s} J$ decays. <i>Physical Review Letters</i> , 2004 , 93, 181801	7.4	48
51	Measurements of branching fractions and CP-violating asymmetries in B meson decays to charmless two-body states containing a $K(0)$. <i>Physical Review Letters</i> , 2004 , 92, 201802	7.4	12

50	Search for $D^0\bar{D}^0$ mixing using semileptonic decay modes. <i>Physical Review D</i> , 2004 , 70,	4.9	20
49	Branching fraction measurements of $B \rightarrow \bar{B}K$ decays. <i>Physical Review D</i> , 2004 , 70,	4.9	9
48	Search for $B^{+/-} \rightarrow [K^{(-/+)}\pi^{(+/-)}](D)K^{+/-}$ and upper limit on the $b \rightarrow u$ amplitude in $B^{+/-} \rightarrow DK^{+/-}$. <i>Physical Review Letters</i> , 2004 , 93, 131804	7.4	5
47	Measurement of the branching fraction and polarization for the decay $B \rightarrow D^*0K^*$. <i>Physical Review Letters</i> , 2004 , 92, 141801	7.4	8
46	Measurement of the time-dependent CP asymmetry in the $B^0 \rightarrow \phi K^0$ decay. <i>Physical Review Letters</i> , 2004 , 93, 071801	7.4	17
45	Direct CP violating asymmetry in $B^0 \rightarrow K^+\pi^-$ decays. <i>Physical Review Letters</i> , 2004 , 93, 131801	7.4	136
44	Measurement of $\sin 2\beta$ with hadronic and previously unused muonic J/ψ decays. <i>Physical Review D</i> , 2004 , 69,	4.9	2
43	Measurement of time-dependent CP asymmetries and constraints on $\sin(2\beta + \gamma)$ with partial reconstruction of $B^0 \rightarrow D^{*+}\pi^-$ decays. <i>Physical Review Letters</i> , 2004 , 92, 251802	7.4	12
42	Measurements of the branching fractions of charged B decays to $K\pi\pi$ final states. <i>Physical Review D</i> , 2004 , 70,	4.9	23
41	Measurement of the electron energy spectrum and its moments in inclusive $B \rightarrow X e \mu$ decays. <i>Physical Review D</i> , 2004 , 69,	4.9	59
40	Measurement of the $B^0 \rightarrow K_2^*(1430)^0$ and $B^+ \rightarrow K_2^*(1430)^+$ branching fractions. <i>Physical Review D</i> , 2004 , 70,	4.9	24
39	Measurement of the branching fraction for $B \rightarrow D^0 K^*$. <i>Physical Review D</i> , 2004 , 69,	4.9	3
38	Search for the decay $B^0 \rightarrow J/\psi$. <i>Physical Review D</i> , 2004 , 70,	4.9	9
37	J/ψ production via initial state radiation in $e^+e^- \rightarrow \mu^+\mu^-$ at an e^+e^- center-of-mass energy near 10.6 GeV. <i>Physical Review D</i> , 2004 , 69,	4.9	44
36	Measurement of the branching fractions and CP asymmetry of $B \rightarrow D(0)((CP))K^-$ decays with the BABAR detector. <i>Physical Review Letters</i> , 2004 , 92, 202002	7.4	10
35	Search for the decay $B^0 \rightarrow p\bar{p}$. <i>Physical Review D</i> , 2004 , 69,	4.9	24
34	Measurements of the mass and width of the $\eta(c)$ meson and of an $\eta(c)(2S)$ candidate. <i>Physical Review Letters</i> , 2004 , 92, 142002	7.4	76
33	B meson decays to $(\bar{D})K^*$, $(\bar{D})\pi(\bar{D})0$, 0 , and 0 . <i>Physical Review D</i> , 2004 , 70,	4.9	56

32	Measurements of CP-violating asymmetries and branching fractions in B meson decays to $\eta'K$. <i>Physical Review Letters</i> , 2003 , 91, 161801	7.4	33
31	Search for D^0 - D^0 mixing and a measurement of the doubly Cabibbo-suppressed decay rate in $D^0 \rightarrow K\pi$ decays. <i>Physical Review Letters</i> , 2003 , 91, 171801	7.4	36
30	Observation of a narrow meson state decaying to $D^+(s)\pi(0)$ at a mass of 2.32 GeV/c ² . <i>Physical Review Letters</i> , 2003 , 90, 242001	7.4	509
29	Observation of a significant excess of $\pi^0\pi^0$ events in B meson decays. <i>Physical Review Letters</i> , 2003 , 91, 241801	7.4	34
28	Limits on D^0 - D^0 mixing and CP violation from the ratio of lifetimes for decay to $K\pi^+$, K^+K^+ , and $\pi^+\pi^+$. <i>Physical Review Letters</i> , 2003 , 91, 121801	7.4	33
27	Measurements of branching fractions and CP-violating asymmetries in $B^0 \rightarrow \rho^{(\pm)}h^{(\mp)}$ decays. <i>Physical Review Letters</i> , 2003 , 91, 201802	7.4	46
26	Measurement of the branching fraction, and bounds on the CP-violating asymmetries, of neutral B decays to $D^{*\mp}D^{\mp}$. <i>Physical Review Letters</i> , 2003 , 90, 221801	7.4	15
25	Rates, polarizations, and asymmetries in charmless vector-vector B meson decays. <i>Physical Review Letters</i> , 2003 , 91, 171802	7.4	117
24	Measurement of the Cabibbo-Kobayashi-Maskawa matrix element V_{ub} with $B \rightarrow \rho e \nu$ decays. <i>Physical Review Letters</i> , 2003 , 90, 181801	7.4	22
23	Study of the rare decays $B^0 \rightarrow D^{(*)+}(s)\pi^-$ and $B^0 \rightarrow D^{(*)-}(s)K^+$. <i>Physical Review Letters</i> , 2003 , 90, 181801	7.4	23
22	Evidence for the rare decay $B \rightarrow K^*l^+l^-$ and measurement of the $B \rightarrow Kl^+l^-$ branching fraction. <i>Physical Review Letters</i> , 2003 , 91, 221802	7.4	55
21	Measurement of time-dependent CP asymmetries and the CP-odd fraction in the decay $B^0 \rightarrow D^{(*)}D^{(*)}$. <i>Physical Review Letters</i> , 2003 , 91, 131801	7.4	13
20	Evidence for $B \rightarrow J/\psi p(-)\Lambda$; and search for $B^0 \rightarrow J/\psi p(-)\pi$. <i>Physical Review Letters</i> , 2003 , 90, 231801	7.4	13
19	Tracking performance of the transition radiation tracker prototype for the ATLAS experiment. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2002 , 485, 298-310	1.2	6
18	Measurement of B^0 - B^0 flavor oscillations in hadronic B^0 decays. <i>Physical Review Letters</i> , 2002 , 88, 221801	7.4	24
17	Search for T and CP violation in B^0 - B^0 mixing with inclusive dilepton events. <i>Physical Review Letters</i> , 2002 , 88, 231801	7.4	20
16	Search for the rare decays $B \rightarrow Kl^+l^-$ and $B \rightarrow K^*l^+l^-$. <i>Physical Review Letters</i> , 2002 , 88, 241801	7.4	23
15	Measurement of the CP asymmetry amplitude $\sin 2\beta$ with B^0 mesons. <i>Physical Review Letters</i> , 2002 , 89, 201802	7.4	228

14	Measurement of $B \rightarrow K^* \gamma$ branching fractions and charge asymmetries. <i>Physical Review Letters</i> , 2002 , 88, 101805	7.4	37
13	Measurements of branching fractions and CP-violating asymmetries in $B^0 \rightarrow \pi^+ \pi^-$, $K^+ \pi^-$, $K^+ K^-$ decays. <i>Physical Review Letters</i> , 2002 , 89, 281802	7.4	119
12	Measurement of the B^0 - B^0 oscillation frequency with inclusive dilepton events. <i>Physical Review Letters</i> , 2002 , 88, 221803	7.4	19
11	Measurement of J/ψ production in continuum e^+e^- annihilations near square root of $s = 10.6$ GeV. <i>Physical Review Letters</i> , 2001 , 87, 162002	7.4	50
10	Measurement of CP-violating asymmetries in B^0 decays to CP eigenstates. <i>Physical Review Letters</i> , 2001 , 86, 2515-22	7.4	100
9	Measurement of the $B \rightarrow J/\psi K^*(892)$ decay amplitudes. <i>Physical Review Letters</i> , 2001 , 87, 241801	7.4	46
8	Measurement of the $B(0)$ and $B(+)$ meson lifetimes with fully reconstructed hadronic final states. <i>Physical Review Letters</i> , 2001 , 87, 201803	7.4	15
7	Measurement of branching fractions and search for CP-violating charge asymmetries in charmless two-body B decays into pions and kaons. <i>Physical Review Letters</i> , 2001 , 87, 151802	7.4	46
6	Measurement of the decays $B \rightarrow \phi K$ and $B \rightarrow \phi K^*$. <i>Physical Review Letters</i> , 2001 , 87, 151801	7.4	31
5	Search for the decay $B^0 \rightarrow \gamma \gamma$. <i>Physical Review Letters</i> , 2001 , 87, 241803	7.4	8
4	Measurements of the branching fractions of exclusive charmless B meson decays with η (') or ω mesons. <i>Physical Review Letters</i> , 2001 , 87, 221802	7.4	39
3	Straw tube drift-time properties and electronics parameters for the ATLAS TRT detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2000 , 449, 446-460	1.2	16
2	Electron identification with a prototype of the Transition Radiation Tracker for the ATLAS experiment. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1998 , 412, 200-215	1.2	9
1	Observation of an exotic narrow doubly charmed tetraquark. <i>Nature Physics</i> ,	16.2	3