

Ulrik Egede

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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	Review of Particle Physics. <i>Progress of Theoretical and Experimental Physics</i> , 2020 , 2020,	5.4	1112
858	The LHCb Detector at the LHC. <i>Journal of Instrumentation</i> , 2008 , 3, S08005-S08005	1	622
857	Observation of J/ψ Resonances Consistent with Pentaquark States in $\Lambda_b^0 \rightarrow J/\psi p$ Decays. <i>Physical Review Letters</i> , 2015 , 115, 072001	7.4	580
856	Test of lepton universality using $b^+ \rightarrow K^+ \mu^+ \mu^-$ decays. <i>Physical Review Letters</i> , 2014 , 113, 151601	7.4	542
855	Observation of a broad structure in the $\pi^+ \pi^- J/\psi$ mass spectrum around 4.26 GeV/c ² . <i>Physical Review Letters</i> , 2005 , 95, 142001	7.4	526
854	Observation of a narrow meson state decaying to $D^{(*)} \pi^0$ at a mass of 2.32 GeV/c ² . <i>Physical Review Letters</i> , 2003 , 90, 242001	7.4	509
853	LHCb detector performance. <i>International Journal of Modern Physics A</i> , 2015 , 30, 1530022	1.2	452
852	Study of the $B_c^+ \rightarrow J/\psi D^+$ decay and measurement of the $B_c^+ \rightarrow X(3872) K^+$ branching fraction. <i>Physical Review D</i> , 2005 , 71,	4.9	333
851	Observation of the rare $B(s)^0 \rightarrow \pi^+ \pi^-$ decay from the combined analysis of CMS and LHCb data. <i>Nature</i> , 2015 , 522, 68-72	50.4	326
850	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
849	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
848	Test of lepton universality with $B^0 \rightarrow K^{*0} \mu^+ \mu^-$ decays. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	298
847	Performance of the LHCb RICH detector at the LHC. <i>European Physical Journal C</i> , 2013 , 73, 2431	4.2	275
846	First evidence for the decay $B(s)^0 \rightarrow \mu^+ \mu^-$. <i>Physical Review Letters</i> , 2013 , 110, 021801	7.4	263
845	Observation of the Doubly Charmed Baryon Λ_{cc}^{++} . <i>Physical Review Letters</i> , 2017 , 119, 112001	7.4	257
844	Observation of the resonant character of the $Z(4430)^-$ state. <i>Physical Review Letters</i> , 2014 , 112, 222002	7.4	234
843	Determination of the $X(3872)$ meson quantum numbers. <i>Physical Review Letters</i> , 2013 , 110, 222001	7.4	234

842	The Physics of the B Factories. <i>European Physical Journal C</i> , 2014 , 74, 1	4.2	233
841	Angular analysis of the $B^0 \rightarrow K^* \mu^+ \mu^-$ decay using 3 fb ⁻¹ of integrated luminosity. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	232
840	Measurement of the CP asymmetry amplitude sin2beta with B0 mesons. <i>Physical Review Letters</i> , 2002 , 89, 201802	7.4	228
839	Measurement of the $B_s(0) \rightarrow \mu^+ \mu^-$ branching fraction and search for $B(0) \rightarrow \mu^+ \mu^-$ decays at the LHCb experiment. <i>Physical Review Letters</i> , 2013 , 111, 101805	7.4	221
838	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
837	Evidence of a broad structure at an invariant mass of 4.32 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
836	Observation of a Narrow Pentaquark State, $P_{c}(4312)^{+}$, and of the Two-Peak Structure of the $P_{c}(4450)^{+}$. <i>Physical Review Letters</i> , 2019 , 122, 222001	7.4	199
835	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
834	Study of $e^+e^- \rightarrow \mu^+\mu^-$ using initial state radiation with BABAR. <i>Physical Review D</i> , 2006 , 73,	4.9	180
833	Prompt charm production in pp collisions at . <i>Nuclear Physics B</i> , 2013 , 871, 1-20	2.8	163
832	Observation of Five New Narrow χ_{c0} States Decaying to $\chi_{c1}^+ K^-$. <i>Physical Review Letters</i> , 2017 , 118, 182001	7.4	154
831	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
830	Flavor physics in the quark sector. <i>Physics Reports</i> , 2010 , 494, 197-414	27.7	150
829	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
828	Differential branching fractions and isospin asymmetries of $B \rightarrow K^* \mu^+ \mu^-$ decays. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	142
827	Measurement of the $B \rightarrow Xsl^+l^-$ branching fraction with a sum over exclusive modes. <i>Physical Review Letters</i> , 2004 , 93, 081802	7.4	139
826	Angular analysis and differential branching fraction of the decay $B^0 \rightarrow \mu^+ \mu^-$ <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	138
825	Search for Lepton-Universality Violation in $B^{+} \rightarrow K^{+} \mu^{+} \mu^{-}$ Decays. <i>Physical Review Letters</i> , 2019 , 122, 191801	7.4	137

824	Measurement of double charmonium production in e^+e^- annihilations at $\sqrt{s}=10.6$ GeV. <i>Physical Review D</i> , 2005 , 72,	4.9	136
823	Direct CP violating asymmetry in $B^0 \rightarrow K^+\pi^-$ decays. <i>Physical Review Letters</i> , 2004 , 93, 131801	7.4	136
822	Measurement of the Ratio of the $B^0 \rightarrow D^{*-} \ell^+ \ell^-$ and $B^0 \rightarrow D^{*-} \ell^+ \ell^-$ Branching Fractions Using Three-Prong Lepton Decays. <i>Physical Review Letters</i> , 2018 , 120, 171802	7.4	126
821	New observables in the decay mode $B \rightarrow K^* \ell^+ \ell^-$. <i>Journal of High Energy Physics</i> , 2008 , 2008, 032-032	5.4	123
820	Study of the $e^+e^- \rightarrow \mu^+\mu^-$ process using initial state radiation with BABAR. <i>Physical Review D</i> , 2004 , 70,	4.9	122
819	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
818	Search for lepton flavor violation in the decay $\tau^+ \rightarrow \mu^+ \gamma$. <i>Physical Review Letters</i> , 2005 , 95, 041802	7.4	121
817	Measurements of branching fractions, rate asymmetries, and angular distributions in the rare decays $B \rightarrow K^* \ell^+ \ell^-$ and $B \rightarrow K^* \ell^+ \ell^-$. <i>Physical Review D</i> , 2006 , 73,	4.9	119
816	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
815	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
814	Rates, polarizations, and asymmetries in charmless vector-vector B meson decays. <i>Physical Review Letters</i> , 2003 , 91, 171802	7.4	117
813	Implications of LHCb measurements and future prospects. <i>European Physical Journal C</i> , 2013 , 73, 1	4.2	116
812	Search for doubly charmed baryons Ξ_c^+ and Ξ_c^{++} in BABAR. <i>Physical Review D</i> , 2006 , 74,	4.9	116
811	Measurement of the Ratio of Branching Fractions $B(B_c^+ \rightarrow J/\psi \ell^+ \ell^-)/B(B_c^+ \rightarrow J/\psi \ell^+ \ell^-)$. <i>Physical Review Letters</i> , 2018 , 120, 121801	7.4	109
810	$e^+e^- \rightarrow \mu^+\mu^- K^+K^-$ and $K^+K^0 K^+K^-$ cross sections at center-of-mass energies $0.5 \leq \sqrt{s} \leq 4.5$ GeV measured with initial-state radiation. <i>Physical Review D</i> , 2005 , 71,	4.9	109
809	Measurement of $\sigma(e^+e^- \rightarrow \mu^+\mu^-)$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2010 , 694, 209-216	4.2	107
808	The $e^+e^- \rightarrow \mu^+\mu^- K^+K^-$ and $K^+K^0 K^+K^-$ 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
807	Test of lepton flavor universality by the measurement of the $B^0 \rightarrow D^{*-} \ell^+ \ell^-$ branching fraction using three-prong $\ell^+ \ell^-$ decays. <i>Physical Review D</i> , 2018 , 97,	4.9	106

806	Measurement of the $B_{s^0} \rightarrow \bar{D}^+ D^-$ Branching Fraction and Effective Lifetime and Search for $B^0 \rightarrow \bar{D}^+ D^-$ Decays. <i>Physical Review Letters</i> , 2017 , 118, 191801	7.4	106
805	Search for $B \rightarrow X(3872)K$, $X(3872) \rightarrow J/\psi$ <i>Physical Review D</i> , 2006 , 74,	4.9	106
804	Measurement of b hadron production fractions in 7 TeV pp collisions. <i>Physical Review D</i> , 2012 , 85,	4.9	105
803	Observation of . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 707, 52-59	4.2	104
802	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
801	B, D and K decays. <i>European Physical Journal C</i> , 2008 , 57, 309-492	4.2	100
800	Measurement of CP-violating asymmetries in B^0 decays to CP eigenstates. <i>Physical Review Letters</i> , 2001 , 86, 2515-22	7.4	100
799	Differential branching fraction and angular analysis of the decay $B^0 \rightarrow K^* \bar{D}^0$ <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	99
798	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
797	Observation of a Charmed Baryon Decaying to $D_s^0 p$ at a Mass Near 2.94 GeV/c ² . <i>Physical Review Letters</i> , 2007 , 98, 012001	7.4	97
796	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
795	Improved measurement of CP asymmetries in $B^0 \rightarrow (cc)K(0^{(*)})$ decays. <i>Physical Review Letters</i> , 2005 , 94, 161803	7.4	92
794	Evidence for Exotic Hadron Contributions to $\bar{B}^0 \rightarrow J/\psi \bar{D}^0$ Decays. <i>Physical Review Letters</i> , 2016 , 117, 082003	7.4	91
793	Search for lepton flavor violation in the decay $\tau^+ \rightarrow e^+ \gamma$. <i>Physical Review Letters</i> , 2006 , 96, 041801	7.4	91
792	Dalitz-plot analysis of the decays $B_{\bar{D}} \rightarrow K_{\bar{D}} \bar{D}$. <i>Physical Review D</i> , 2005 , 72,	4.9	89
791	Measurement of / polarization in collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2013 , 73, 2631	4.2	87
790	Differential branching fraction and angular analysis of the decay ($B_{s^0} \rightarrow \bar{D}^+ D^-$) <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	86
789	Observation of double charm production involving open charm in pp collisions at ($\sqrt{s} = 7$; {text{TeV}}). <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	86

788	Observation of an excited charm baryon Ω_c^* decaying to $\Omega_c \gamma$. <i>Physical Review Letters</i> , 2006 , 97, 232001	7.4	86
787	Measurements of the $B \rightarrow X_s \ell$ branching fraction and photon spectrum from a sum of exclusive final states. <i>Physical Review D</i> , 2005 , 72,	4.9	86
786	Model-Independent Evidence for J/ψ Contributions to $\bar{B} \rightarrow J/\psi K^0$ Decays. <i>Physical Review Letters</i> , 2016 , 117, 082002	7.4	85
785	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
784	Measurement of production in collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2012 , 72, 2025	4.2	83
783	Updated measurements of exclusive J/ψ and $\psi(2S)$ production cross-sections in pp collisions at $\sqrt{s} = 7$ TeV. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2014 , 41, 055002	2.9	83
782	Determination of the quark coupling strength $ V_{ub} $ using baryonic decays. <i>Nature Physics</i> , 2015 , 11, 743-747	7.4	79
781	Evidence for the decay . <i>Nuclear Physics B</i> , 2014 , 886, 665-680	2.8	79
780	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
779	First observation of CP violation in the decays of $B(s)0$ mesons. <i>Physical Review Letters</i> , 2013 , 110, 221601	7.4	78
778	On the new physics reach of the decay mode (\bar{B}_d to $\bar{K}^{*0} \ell^+ \ell^-$). <i>Journal of High Energy Physics</i> , 2010 , 2010, 1	5.4	78
777	Study of the $X(3872)$ and $Y(4260)$ in $B0 \rightarrow J/\psi K0$ and $B \rightarrow J/\psi K$ decays. <i>Physical Review D</i> , 2006 , 73,	4.9	76
776	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
775	Search for Dark Photons Produced in 13 TeV pp Collisions. <i>Physical Review Letters</i> , 2018 , 120, 061801	7.4	75
774	Time-integrated and time-dependent angular analyses of $B \rightarrow J/\psi A$ measurement of $\cos 2\phi$ with no sign ambiguity from strong phases. <i>Physical Review D</i> , 2005 , 71,	4.9	72
773	Search for a charged partner of the $X(3872)$ in the B meson decay $B \rightarrow X E$, $X E \rightarrow J/\psi$. <i>Physical Review D</i> , 2005 , 71,	4.9	71
772	Observation of a narrow meson decaying to $D_s + \eta$ at a mass of 2.458 GeV/c ² . <i>Physical Review D</i> , 2004 , 69,	4.9	71
771	Search for Majorana neutrinos in $B^- \rightarrow \mu \mu$ decays. <i>Physical Review Letters</i> , 2014 , 112, 131802	7.4	70

770	Dalitz plot analysis of $B_s^0 \rightarrow D^0 K^0$ decays. <i>Physical Review D</i> , 2014 , 90,	4.9	70
769	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
768	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
767	Study of D^0 meson decays to $D^+ \pi^-$ and D^{*+} final states in pp collisions. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	69
766	Observation of excited $\Lambda(1520)$ baryons. <i>Physical Review Letters</i> , 2012 , 109, 172003	7.4	68
765	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
764	Measurement of CP violation and the B_s^0 meson decay width difference with $B_s^0 \rightarrow J/\psi K^+ K^-$ and $B_s^0 \rightarrow J/\psi \pi^+ \pi^-$ decays. <i>Physical Review D</i> , 2013 , 87,	4.9	66
763	First observation of $B_s^0 \rightarrow J/\psi(9862) K^0$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 698, 115-122	4.2	66
762	Measurement of the $B^0 \rightarrow \rho^0 K^0$ decay amplitudes. <i>Physical Review Letters</i> , 2004 , 93, 231804	7.4	66
761	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
760	Search for Hidden-Sector Bosons in $B(0) \rightarrow K^*(0) \pi^+ \pi^-$ Decays. <i>Physical Review Letters</i> , 2015 , 115, 161802	7.4	65
759	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
758	Measurement of the $B^+ \rightarrow \rho^+ K^+$ branching fraction and study of the decay dynamics. <i>Physical Review D</i> , 2005 , 72,	4.9	65
757	Search for lepton-flavor violation in the decay $\tau^+ \rightarrow l^+ l^-$. <i>Physical Review Letters</i> , 2004 , 92, 121801	7.4	65
756	Measurement of the Cabibbo-Kobayashi-Maskawa angle γ in $B^+ \rightarrow D^* K^+ \pi^-$ decays with a Dalitz analysis of $D^+ \rightarrow K^0 \pi^+ \pi^0$. <i>Physical Review Letters</i> , 2005 , 95, 121802	7.4	65
755	Study of the production of Λ and Σ hadrons in pp collisions and first measurement of the branching fraction. <i>Chinese Physics C</i> , 2016 , 40, 011001	2.2	65
754	Search for Structure in the $B_{(s)}^0 \rightarrow \pi^+ \pi^-$ Invariant Mass Spectrum. <i>Physical Review Letters</i> , 2016 , 117, 152003	7.4	64
753	Differential branching fraction and angular analysis of the $B^+ \rightarrow K^+ \pi^+ \pi^-$ decay. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	63

752	Measurement of (2) meson production in collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2012 , 72, 2100	4.2	63
751	Measurement of CP violation in the phase space of $B_{\mu} \rightarrow K^+ K^- \mu$ and $B_{\mu} \rightarrow \mu \mu \mu$ decays. <i>Physical Review Letters</i> , 2014 , 112, 011801	7.4	61
750	Observation of overlapping spin-1 and spin-3 D_0K^- resonances at mass 2.86 GeV/c ² . <i>Physical Review Letters</i> , 2014 , 113, 162001	7.4	61
749	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
748	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
747	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
746	Measurements of the absolute branching fractions of $B^{\pm} \rightarrow K^{\pm} X(cc)$. <i>Physical Review Letters</i> , 2006 , 96, 052002	7.4	60
745	Search for $A^{\pm} \rightarrow \bar{D}^{\pm} D^{\pm}$ Decays. <i>Physical Review Letters</i> , 2020 , 124, 041801	7.4	60
744	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
743	Analysis of the resonant components in $B_{\mu} \rightarrow J/\psi \mu$. <i>Physical Review D</i> , 2012 , 86,	4.9	59
742	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
741	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
740	Production of J/ψ and (φ) mesons in pp collisions at $(\sqrt{s}=8) \text{ TeV}$. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	58
739	Search for the rare decays $B_{s0} \rightarrow \mu \mu$ 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
738	Measurement of the $\Lambda(b)(0)$, $\Lambda(b)(-)$, and $\Lambda(b)(-)$ Baryon masses. <i>Physical Review Letters</i> , 2013 , 110, 182001	7.4	57
737	Determination of the Branching Fraction for $B \rightarrow X c \mu$ Decays and of $ V_{cb} $ from Hadronic-Mass and Lepton-Energy Moments. <i>Physical Review Letters</i> , 2004 , 93,	7.4	57
736	Amplitude analysis of $B^+ \rightarrow J/\psi K^+$ decays. <i>Physical Review D</i> , 2017 , 95,	4.9	56
735	B meson decays to $(\rho)K^*$, $(\rho)\rho$, ρ , and ρ . <i>Physical Review D</i> , 2004 , 70,	4.9	56

734	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
733	Observation of the decay $B(c)(+) \rightarrow B(s)(0)\pi$. <i>Physical Review Letters</i> , 2013 , 111, 181801	7.4	55
732	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
731	Search for the $X(4140)$ state in $B^+ \rightarrow J/\psi K^+$ decays. <i>Physical Review D</i> , 2012 , 85,	4.9	55
730	Exclusive branching-fraction measurements of semileptonic tau decays into three charged hadrons, into $\phi\pi^-\nu$ tau, and into $\phi K^-\nu$ tau. <i>Physical Review Letters</i> , 2008 , 100, 011801	7.4	55
729	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
728	Differential branching fraction and angular analysis of $B^0 \rightarrow \pi^+\pi^0$ decays. <i>Journal of High Energy Physics</i> , 2015 , 2015,	5.4	54
727	Measurement of resonant and CP components in $B^0 \rightarrow J/\psi \pi^+\pi^-$ decays. <i>Physical Review D</i> , 2014 , 89,	4.9	54
726	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
725	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
724	Dalitz plot analysis of $B^0 \rightarrow D^0 \pi^+\pi^-$ decays. <i>Physical Review D</i> , 2015 , 92,	4.9	53
723	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
722	Measurement of the resonant and CP components in $B^0 \rightarrow J/\psi \pi^+\pi^-$ decays. <i>Physical Review D</i> , 2014 , 90,	4.9	52
721	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
720	Dalitz plot analysis of the decay $B^0 \rightarrow K^0 K^0$. <i>Physical Review D</i> , 2006 , 74,	4.9	52
719	Measurement of the branching fraction and photon energy moments of $B \rightarrow Xs \gamma$ and $A(\text{CP})(B \rightarrow X(s+d \gamma))$. <i>Physical Review Letters</i> , 2006 , 97, 171803	7.4	52
718	Observation of CP Violation in Charm Decays. <i>Physical Review Letters</i> , 2019 , 122, 211803	7.4	51
717	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

716	Observation of a New χ_{c1}^{\prime} Resonance. <i>Physical Review Letters</i> , 2018 , 121, 072002	7.4	50
715	First observation of the decay $B(c)^+ \rightarrow J/\psi \pi^+$. <i>Physical Review Letters</i> , 2012 , 108, 251802	7.4	50
714	Observation of the decay $B \rightarrow J/\psi \eta$ and search for $X(3872) \rightarrow J/\psi \eta$. <i>Physical Review Letters</i> , 2004 , 93, 041801	7.4	50
713	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
712	Precision measurement of the B_s^0 oscillation frequency with the decay $B_s^0 \rightarrow D_s^+ D_s^-$. <i>New Journal of Physics</i> , 2013 , 15, 053021	2.9	49
711	Analysis of the resonant components in $B \rightarrow J/\psi \pi$. <i>Physical Review D</i> , 2013 , 87,	4.9	49
710	Search for long-lived scalar particles in $B \rightarrow K + \text{long-lived}$ decays. <i>Physical Review D</i> , 2017 , 95,	4.9	48
709	Precision measurement of D meson mass differences. <i>Journal of High Energy Physics</i> , 2013 , 2013,	5.4	48
708	Study of $B \rightarrow D^{(*)} S J + D^{(*)}$ decays. <i>Physical Review Letters</i> , 2004 , 93, 181801	7.4	48
707	Measurements of the S-wave fraction in $B^0 \rightarrow K^+ K^- \pi^0$ decays and the $B^0 \rightarrow K^{*0} \pi^+ \pi^-$ differential branching fraction. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	48
706	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
705	Measurements of CP violation in the three-body phase space of charmless B decays. <i>Physical Review D</i> , 2014 , 90,	4.9	47
704	Searches for Majorana neutrinos in B decays. <i>Physical Review D</i> , 2012 , 85,	4.9	47
703	Measurement of branching fractions and CP and isospin asymmetries for $B \rightarrow K^* \pi$. <i>Physical Review D</i> , 2004 , 70,	4.9	47
702	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
701	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
700	Measurements of branching fractions and CP-violating asymmetries in $B^0 \rightarrow \rho^{+/-} h^{+/-}$ decays. <i>Physical Review Letters</i> , 2003 , 91, 201802	7.4	46
699	Measurement of the $B \rightarrow J/\psi K^{*0}$ decay amplitudes. <i>Physical Review Letters</i> , 2001 , 87, 241801	7.4	46

698	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
697	Measurement of matter-antimatter differences in beauty baryon decays. <i>Nature Physics</i> , 2017 , 13, 391-396	6.2	45
696	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
695	Observation of D ⁰ -D ⁰ oscillations. <i>Physical Review Letters</i> , 2013 , 110, 101802	7.4	45
694	Amplitude analysis of B ⁰ →D ⁺ π ⁻ decays. <i>Physical Review D</i> , 2016 , 94,	4.9	45
693	Measurement of the Lifetime of the Doubly Charmed Baryon Ξ_{cc}^{++} . <i>Physical Review Letters</i> , 2018 , 121, 052002	7.4	44
692	J/ψ production via initial state radiation in e ⁺ e ⁻ →μ ⁺ μ ⁻ at an e ⁺ e ⁻ center-of-mass energy near 10.6 GeV. <i>Physical Review D</i> , 2004 , 69,	4.9	44
691	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
690	Measurement of the cross-section for Z → e ⁺ e ⁻ production in pp collisions at ($\sqrt{s}=7$) TeV. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	43
689	First evidence of direct CP violation in charmless two-body decays of Bs ⁰ mesons. <i>Physical Review Letters</i> , 2012 , 108, 201601	7.4	43
688	Observation of a resonance in B ⁺ → K ⁺ π ⁰ π ⁰ decays at low recoil. <i>Physical Review Letters</i> , 2013 , 111, 112003	7.4	43
687	Measurement of CP asymmetry in D ⁰ → K ⁺ K ⁻ and D ⁰ → π ⁺ π ⁻ decays. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	42
686	Measurement of the Bs ⁰ B ⁰ oscillation frequency Γ_{th} in Bs ⁰ →Ds(B)π ⁰ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 709, 177-184	4.2	42
685	Measurement of the exclusive φ 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
684	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
683	First observation of the decay Bs ^{2*(5840)} (0)→B ⁺ K ⁻ and studies of excited Bs(0) mesons. <i>Physical Review Letters</i> , 2013 , 110, 151803	7.4	42
682	Measurement of the [Formula: see text] production cross-section in proton-proton collisions via the decay [Formula: see text]. <i>European Physical Journal C</i> , 2015 , 75, 311	4.2	41
681	Search for the doubly charmed baryon (Ξ_{cc}^{++}). <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	41

680	Measurements of the $B^0 \rightarrow J/\psi$ decay amplitudes and the B^0 polarisation in pp collisions at $\sqrt{s}=7$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 724, 27-35	4.2	4 ¹
679	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	4 ¹
678	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	4 ¹
677	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	4 ⁰
676	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	4 ⁰
675	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	4 ⁰
674	Measurement of the Mass Difference Between Neutral Charm-Meson Eigenstates. <i>Physical Review Letters</i> , 2019 , 122, 231802	7.4	39
673	Opposite-side flavour tagging of mesons at the LHCb experiment. <i>European Physical Journal C</i> , 2012 , 72, 2022	4.2	39
672	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
671	Combined performance tests before installation of the ATLAS Semiconductor and Transition Radiation Tracking Detectors. <i>Journal of Instrumentation</i> , 2008 , 3, P08003-P08003	1	39
670	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
669	Observation of B^0 meson decay to a $1^{-}(1260)\pi^{+}$. <i>Physical Review Letters</i> , 2006 , 97, 051802	7.4	39
668	Measurement of the pseudoscalar decay constant f_D s using charm-tagged events in $e^{+}e^{-}$ collisions at square root $\sqrt{s}=10.58$ GeV. <i>Physical Review Letters</i> , 2007 , 98, 141801	7.4	39
667	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
666	Measurement of $B \rightarrow K^* \gamma$ branching fractions and charge asymmetries. <i>Physical Review Letters</i> , 2002 , 88, 101805	7.4	37
665	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
664	First observation of the decay $(B_c^{+} \rightarrow \{J/\psi \left[\psi \{K^{+}\} \right] \text{right.})$. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	36
663	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

662	Measurement of CP asymmetries in $B^0 \rightarrow \eta K^0$ and $B^0 \rightarrow K^+ K^- K_S^0$ decays. <i>Physical Review D</i> , 2005 , 71,	4.9	36
661	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
660	Search for D^0 - \bar{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
659	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
658	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
657	Search for massive long-lived particles decaying semileptonically in the LHCb detector. <i>European Physical Journal C</i> , 2017 , 77, 224	4.2	35
656	Measurement of B_c^+ Production in Proton-Proton Collisions at $\sqrt{s}=8$ TeV. <i>Physical Review Letters</i> , 2015 , 114, 132001	7.4	35
655	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
654	Observation of two new $\Lambda(b)(-)$ baryon resonances. <i>Physical Review Letters</i> , 2015 , 114, 062004	7.4	35
653	First observation of the decay $B^+ \rightarrow \bar{D}^0 \pi^+$. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	35
652	Search for lepton number violating decays $B^+ \rightarrow \mu^+ \mu^+ \pi^0$ and $B^+ \rightarrow K^- \mu^+ \mu^+$. <i>Physical Review Letters</i> , 2012 , 108, 101601	7.4	35
651	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
650	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
649	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
648	Amplitude analysis of the $B^+ \rightarrow D^+ D_s^-$ decay. <i>Physical Review D</i> , 2020 , 102,	4.9	34
647	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
646	Measurement of the CP violating phase γ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 707, 497-505	4.2	34
645	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

644	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
643	Measurement of D^0 - \bar{D}^0 mixing parameters and search for CP violation using $D^0 \rightarrow K^+ \bar{D}$ decays. <i>Physical Review Letters</i> , 2013 , 111, 251801	7-4	34
642	Absolute luminosity measurements with the LHCb detector at the LHC. <i>Journal of Instrumentation</i> , 2012 , 7, P01010-P01010	1	34
641	Measurements of moments of the hadronic mass distribution in semileptonic B decays. <i>Physical Review D</i> , 2004 , 69,	4-9	34
640	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
639	Search for the decay $B^+ \rightarrow K^+ \nu\bar{\nu}$. <i>Physical Review Letters</i> , 2005 , 94, 101801	7-4	34
638	Study of the D^0 p amplitude in $D^0 b \rightarrow D^0 p$ decays. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5-4	33
637	Measurement of the CP-violating phase γ in $B_{\pm}^0 \rightarrow J/\psi$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 736, 186-195	4-2	33
636	Measurement of the CKM angle Γ from a combination of $B_{\pm}^0 \rightarrow D h_{\pm}$ analyses. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 726, 151-163	4-2	33
635	Study of χ_{c1} B meson production in $p\bar{p}$ collisions at $\sqrt{s}=7$ and 8 TeV. <i>European Physical Journal C</i> , 2014 , 74,	4-2	33
634	Measurement of the γ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 713, 186-195	4-2	33
633	Improved measurements of the branching fractions for $B^0 \rightarrow \eta$ and $B^0 \rightarrow K^+ \eta$ and a search for $B^0 \rightarrow K^+ K^0$. <i>Physical Review D</i> , 2007 , 75,	4-9	33
632	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
631	Measurements of CP-violating asymmetries and branching fractions in B meson decays to η' K. <i>Physical Review Letters</i> , 2003 , 91, 161801	7-4	33
630	Limits on D^0 - \bar{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
629	Measurement of the B_c meson lifetime using B_c decays. <i>European Physical Journal C</i> , 2014 , 74, 2839	4-2	32
628	Precision measurement of the $B(0)$ baryon lifetime. <i>Physical Review Letters</i> , 2013 , 111, 102003	7-4	32
627	Amplitude analysis and branching fraction measurement of $B_{\pm}^0 \rightarrow J/\psi K^{\pm}$. <i>Physical Review D</i> , 2013 , 87,	4-9	32

626	Search for lepton-flavor and lepton-number violation in the decay $\tau(-) \rightarrow l(+)\nu_l(-)\bar{\nu}_l(+)$. <i>Physical Review Letters</i> , 2005 , 95, 191801	7.4	32
625	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
624	Measurement of the relative rate of prompt $\Upsilon(0)$, $\Upsilon(1)$ and $\Upsilon(2)$ production at $(\sqrt{s}=7)$ TeV. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	31
623	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
622	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
621	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
620	Measurement of the α_s . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 718, 902-909	4.2	31
619	Measurement of the B^+/B^0 production ratio from the $\Upsilon(4S)$ 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
618	Improved Measurement of the Cabibbo-Kobayashi-Maskawa angle α using $B^0(B^+) \rightarrow \rho^0(\rho^+)\rho^0(\rho^+)$ decays. <i>Physical Review Letters</i> , 2005 , 95, 041805	7.4	31
617	Measurement of the decays $B^+ \rightarrow \phi K^+$ and $B^0 \rightarrow \phi K^0$. <i>Physical Review Letters</i> , 2001 , 87, 151801	7.4	31
616	Study of the kinematic dependences of $\Upsilon(0)$ b production in pp collisions and a measurement of the $\Upsilon(0)$ b $\rightarrow c \bar{c}$ branching fraction. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	30
615	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
614	First observation and amplitude analysis of the $B^0 \rightarrow D^+ K^-$ decay. <i>Physical Review D</i> , 2015 , 91,	4.9	30
613	Precision measurement of the mass and lifetime of the $\Lambda_b(0)$ baryon. <i>Physical Review Letters</i> , 2014 , 113, 032001	7.4	30
612	Amplitude analysis of the decay $B^0 \rightarrow \pi^0 \pi^0$. <i>Physical Review D</i> , 2005 , 72,	4.9	30
611	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
610	Precision measurement of the Λ^+ baryon mass. <i>Physical Review D</i> , 2005 , 72,	4.9	30
609	Observation of the $\Upsilon(0)$ b $\rightarrow J/\psi \pi^0$ decay. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	29

608	Observation of photon polarization in the $b \rightarrow s\gamma$ transition. <i>Physical Review Letters</i> , 2014 , 112, 161801	7.4	29
607	Search for the rare decays $B \rightarrow K^* \mu^+ \mu^-$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 708, 55-67	4.2	29
606	Measurement of the ratio of branching fractions $B(B \rightarrow K^* \mu^+ \mu^-)/B(B \rightarrow K^* e^+ e^-)$ and the direct CP asymmetry in $B \rightarrow K^* \mu^+ \mu^-$. <i>Nuclear Physics B</i> , 2013 , 867, 1-18	2.8	29
605	Search for direct CP violation in $B \rightarrow K^* \mu^+ \mu^-$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 723, 33-43	4.2	29
604	Measurement of the differential branching fraction of the decay $B \rightarrow K^* \mu^+ \mu^-$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 725, 25-35	4.2	29
603	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
602	Observation of Two Resonances in the $B \rightarrow K^* \mu^+ \mu^-$ Systems and Precise Measurement of $B \rightarrow K^* \mu^+ \mu^-$ and $B \rightarrow K^* e^+ e^-$ Properties. <i>Physical Review Letters</i> , 2019 , 122, 012001	7.4	29
601	An empirical model to determine the hadronic resonance contributions to transitions. <i>European Physical Journal C</i> , 2018 , 78, 453	4.2	29
600	Measurement of the semileptonic CP asymmetry in $B_0 - \bar{B}_0$ mixing. <i>Physical Review Letters</i> , 2015 , 114, 041601	7.4	28
599	Measurement of J/ψ production in pp collisions at $(\sqrt{s}=2.76; \text{TeV})$. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	28
598	Observation of the decay $B_c^+ \rightarrow \psi(2S) \mu^+$. <i>Physical Review D</i> , 2013 , 87,	4.9	28
597	Study of prompt D^0 meson production in pPb collisions at $(\sqrt{s_{NN}}=5)$ TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	27
596	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
595	Study of (Υ) 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
594	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
593	First measurement of the differential branching fraction and CP asymmetry of the $B \rightarrow K^* \mu^+ \mu^-$ decay. <i>Journal of High Energy Physics</i> , 2015 , 2015,	5.4	27
592	Search for the rare decay $B_0 \rightarrow \tau^+ \tau^-$ at BABAR. <i>Physical Review Letters</i> , 2006 , 96, 241802	7.4	27
591	Study of $B \rightarrow \pi$ and $B \rightarrow \rho$ decays and determination of $ V_{ub} $. <i>Physical Review D</i> , 2005 , 72,	4.9	27

590	Measurements of the decays $B^0 \rightarrow D^0 p \bar{p}$, $B^0 \rightarrow D^0 p p$, $B^0 \rightarrow D^0 \bar{p} p$, and $B^0 \rightarrow D^0 \bar{p} \bar{p}$. <i>Physical Review D</i> , 2006 , 74,	4.9	27
589	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
588	Prompt and nonprompt J/ψ production and nuclear modification in pPb collisions at $\sqrt{s_{NN}} = 8.16$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017 , 774, 159-178	4.2	26
587	Measurement of b hadron fractions in 13 TeV pp collisions. <i>Physical Review D</i> , 2019 , 100,	4.9	26
586	Search for long-lived particles decaying to jet pairs. <i>European Physical Journal C</i> , 2015 , 75, 152	4.2	26
585	Precision measurement of the mass and lifetime of the Λ_b^0 baryon. <i>Physical Review Letters</i> , 2014 , 113, 242002	7.4	26
584	Measurements of neutral B decay branching fractions to K_S^0 final states and the charge asymmetry of $B^0 \rightarrow K^{*+} \pi^-$. <i>Physical Review D</i> , 2006 , 73,	4.9	26
583	Observation of the decay $B^0 \rightarrow \eta \pi^0$ and measurement of the branching fraction and polarization. <i>Physical Review D</i> , 2004 , 69,	4.9	26
582	Measurement of branching fractions and charge asymmetries for exclusive B decays to charmonium. <i>Physical Review Letters</i> , 2005 , 94, 141801	7.4	26
581	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
580	Evidence for an resonance in decays. <i>European Physical Journal C</i> , 2018 , 78, 1019	4.2	26
579	Measurement of the phase difference between short- and long-distance amplitudes in the $B^0 \rightarrow \eta \pi^0$ decay. <i>European Physical Journal C</i> , 2017 , 77, 161	4.2	25
578	Model-Independent Study of Structure in $B^+ \rightarrow D^+ D^0 K^+$ Decays. <i>Physical Review Letters</i> , 2020 , 125, 242001	7.4	25
577	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
576	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
575	Evidence for the decay $B^0 \rightarrow J/\psi \pi^0$ and measurement of the relative branching fractions of B_s^0 meson decays to $J/\psi \pi^0$ and $J/\psi \pi^+$. <i>Nuclear Physics B</i> , 2013 , 867, 547-566	2.8	25
574	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
573	Model-independent confirmation of the $Z(4430)$ state. <i>Physical Review D</i> , 2015 , 92,	4.9	25

572	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
571	Studies of beauty baryon decays to $D_0^+ \phi$ and $\bar{B}^0 h_c^+$ final states. <i>Physical Review D</i> , 2014 , 89,	4.9	25
570	Search for the lepton-flavor-violating decays $B(s) \rightarrow e^+ \mu^- \nu$ and $B^0 \rightarrow e^+ \mu^- \nu$. <i>Physical Review Letters</i> , 2013 , 111, 141801	7.4	25
569	First observation of $B_c^+ \rightarrow D_s^{*+} X$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 698, 14-20	4.2	25
568	Measurement of the $B^0 \rightarrow D^+ D_s^{*-}$ and $D_s^{*+} \rightarrow J/\psi$ branching fractions. <i>Physical Review D</i> , 2005 , 71,	4.9	25
567	Measurement of the direct CP asymmetry in $b \rightarrow s$ gamma Decays. <i>Physical Review Letters</i> , 2004 , 93, 021804	4.2	25
566	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
565	Measurement of charged particle multiplicities in pp collisions at ($\sqrt{s}=7$ TeV) in the forward region. <i>European Physical Journal C</i> , 2012 , 72, 1	4.2	24
564	Measurement of the CP-violating phase $\arg(B^0 \rightarrow J/\psi)$ decays and limits on penguin effects. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015 , 742, 38-49	4.2	24
563	First observation of a baryonic B_c^+ decay. <i>Physical Review Letters</i> , 2014 , 113, 152003	7.4	24
562	Study of D_{sJ} decays to $\{D^+\} K_{\mathcal{S}}^0$ and $D^0 K^+$ final states in pp collisions. <i>Journal of High Energy Physics</i> , 2012 , 2012,	5.4	24
561	Measurement of branching fractions and charge asymmetries in $B^+ \rightarrow \rho^+ \pi^0$ and $B^+ \rightarrow \rho^0 \pi^+$ decays, and search for $B^0 \rightarrow \rho^0 \pi^0$. <i>Physical Review Letters</i> , 2004 , 93, 051802	7.4	24
560	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
559	Search for the decay $B^0 \rightarrow p \bar{p}$. <i>Physical Review D</i> , 2004 , 69,	4.9	24
558	Measurement of B^0 - \bar{B}^0 flavor oscillations in hadronic B^0 decays. <i>Physical Review Letters</i> , 2002 , 88, 221802	4.2	24
557	Measurement of Υ production in $p \bar{p}$ collisions at $\sqrt{s} = 2.76$ TeV. <i>European Physical Journal C</i> , 2014 , 74,	4.2	23
556	Search for the rare decay $D_0^+ \rightarrow \mu^+ \nu$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 725, 15-24	4.2	23
555	Measurement of the shape of the $B^0 \rightarrow \bar{D}^0 \pi^0$ differential decay rate. <i>Physical Review D</i> , 2017 , 96,	4.9	23

554	Updated search for long-lived particles decaying to jet pairs. <i>European Physical Journal C</i> , 2017 , 77, 812	4.2	23
553	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
552	Measurement of prompt hadron production ratios in pp collisions at $\sqrt{s} = 0.9$ and 7 TeV. <i>European Physical Journal C</i> , 2012 , 72, 1	4.2	23
551	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
550	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
549	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
548	Measurements of the branching fractions of charged B decays to $K^0 \pi^0$ final states. <i>Physical Review D</i> , 2004 , 70,	4.9	23
547	Study of the rare decays $B^0 \rightarrow D^{(*)+}(\pi^-)$ and $B^0 \rightarrow D^{(*)-}(\pi^+) K^+$. <i>Physical Review Letters</i> , 2003 , 90, 181803	7.4	23
546	Measurement of time-dependent CP-violating asymmetries and constraints on $\sin(2\beta)$ with partial reconstruction of $B \rightarrow D^* \pi$ decays. <i>Physical Review D</i> , 2005 , 71,	4.9	23
545	Search for the rare decays $B \rightarrow K^0 l^+ l^-$ and $B \rightarrow K^{*0} l^+ l^-$. <i>Physical Review Letters</i> , 2002 , 88, 241801	7.4	23
544	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
543	Search for the lepton flavour violating decay $\mu \rightarrow \mu \gamma \nu \bar{\nu}$. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	22
542	Search for Violations of Lorentz Invariance and CPT Symmetry in $B_{(s)}$ Mixing. <i>Physical Review Letters</i> , 2016 , 116, 241601	7.4	22
541	Observation of New Resonances in the $B_c^{+0} \pi^{\pm}$ System. <i>Physical Review Letters</i> , 2019 , 123, 152001	7.4	22
540	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
539	First observation of the decay $B_c^+ \rightarrow \mu^+ \nu_\mu \pi^0$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 709, 50-58	4.2	22
538	Measurement of the $B^0 \rightarrow K^0 e^+ e^-$ branching fraction at low dilepton mass. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	22
537	Observation of the Decays $B_c^+ \rightarrow \pi^+ p K^0$ and $B_c^+ \rightarrow \pi^+ p K^+$. <i>Physical Review Letters</i> , 2017 , 119, 062001	7.4	22

536	Measurement of CP Violation in $B^0 \rightarrow J/\psi K_S^0$ Decays. <i>Physical Review Letters</i> , 2015 , 115, 031601	7.4	22
535	Measurement of the forward-backward asymmetry in $Z/\gamma \rightarrow \mu^+ \mu^-$ decays and determination of the effective weak mixing angle. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	22
534	Measurement of the $B^0 \rightarrow B^0$ and $B_s^0 \rightarrow B_s^0$ production asymmetries in pp collisions at $\sqrt{s}=7$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 739, 218-228	4.2	22
533	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
532	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
531	Measurement of the time-dependent CP-violating asymmetry in $B^0 \rightarrow K_S^0 \pi^0$ decays. <i>Physical Review D</i> , 2005 , 72,	4.9	22
530	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
529	Measurement of Antiproton Production in p-He Collisions at $\sqrt{s_{NN}}=110$ GeV. <i>Physical Review Letters</i> , 2018 , 121, 222001	7.4	22
528	Forward production of Λ mesons in pp collisions at ($\sqrt{s}=7$) and 8 TeV. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	21
527	Study of Beauty Hadron Decays into Pairs of Charm Hadrons. <i>Physical Review Letters</i> , 2014 , 112,	7.4	21
526	Measurement of the CP asymmetry in $B^0 \rightarrow K^{*0} \pi^+ \pi^-$ decays. <i>Physical Review Letters</i> , 2013 , 110, 031801	7.4	21
525	Observation of CP violation in $B \rightarrow \eta' K^0$ decays. <i>Physical Review Letters</i> , 2007 , 98, 031801	7.4	21
524	Search for beautiful tetraquarks in the $\psi(1S)$ invariant-mass spectrum. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	21
523	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
522	Observation of the decay $(B_c^{+}) \rightarrow J/\psi + K^+$. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	20
521	Study of J/ψ Production in Jets. <i>Physical Review Letters</i> , 2017 , 118, 192001	7.4	20
520	Angular analysis of the $B^0 \rightarrow K^{*0} e^+ e^-$ decay in the low- q^2 region. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	20
519	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

518	A model-independent Dalitz plot analysis of $B \rightarrow D^* D^* \pi$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 718, 43-55	4.2	20
517	Measurements of the branching fractions for $B(s) \rightarrow D(s) \pi$ and $B_0 \rightarrow \bar{D}^+ \pi^-$. <i>Physical Review D</i> , 2011 , 84,	4.9	20
516	Prompt $B \rightarrow D^* \pi$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2010 , 693, 69-80	4.2	20
515	Determinations of $ V_{ub} $ from inclusive semileptonic decays with reduced model dependence. <i>Physical Review Letters</i> , 2006 , 96, 221801	7.4	20
514	Measurement of branching fractions and CP-violating charge asymmetries for B-meson decays to $D^{(*)} D^* \pi$, and implications for the Cabibbo-Kobayashi-Maskawa angle α . <i>Physical Review D</i> , 2006 , 73,	4.9	20
513	Measurement of the branching fraction and time-dependent CP asymmetry in the decay $B_0 \rightarrow D^* + D^* \pi^0$. <i>Physical Review D</i> , 2006 , 74,	4.9	20
512	Measurements of the $B \rightarrow D^*$ form factors using the decay $B \rightarrow D^* + e \bar{\nu}_e$. <i>Physical Review D</i> , 2006 , 74,	4.9	20
511	Measurement of branching fractions of color-suppressed decays of the B_0 meson to $D^{(*)} D^* \pi$, $D^{(*)} D^* \pi^0$ and $D^0 \pi$. <i>Physical Review D</i> , 2004 , 69,	4.9	20
510	Search for $D^0 \bar{D}^0$ mixing using semileptonic decay modes. <i>Physical Review D</i> , 2004 , 70,	4.9	20
509	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
508	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
507	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
506	Search for T and CP violation in B_0 - \bar{B}_0 mixing with inclusive dilepton events. <i>Physical Review Letters</i> , 2002 , 88, 231801	7.4	20
505	Amplitude analysis of the $B^+ \rightarrow \pi^+ \pi^0 \pi^0$ decay. <i>Physical Review D</i> , 2020 , 101,	4.9	19
504	Measurements of the branching fractions of $B \rightarrow D^* \pi$ decays. <i>European Physical Journal C</i> , 2013 , 73, 2462	4.2	19
503	Model-independent search for CP violation in $B \rightarrow D^* \pi$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 726, 623-633	4.2	19
502	Measurement of the CKM angle α using $B \rightarrow DK$ with $D \rightarrow K^0 S^{\pm} \pi^{\mp} K^0 S^{\pm} K^{\pm} K^{\mp}$ decays. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	19
501	Measurement of the $B \rightarrow D^* \pi$ production cross-section in pp collisions at $(\sqrt{s}) = 7$ TeV. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	19

500	Measurements of the branching fractions and CP asymmetries of $B_{\overline{d}} \rightarrow J/\psi$ and $B_{\overline{d}} \rightarrow (\psi)_{\overline{d}}$ decays. <i>Physical Review D</i> , 2012 , 85,	4.9	19
499	First observations of $B_{\overline{d}} \rightarrow D^+ D_s^-$ and $D^0 D_s^0$ decays. <i>Physical Review D</i> , 2013 , 87,	4.9	19
498	Search for $b \rightarrow u$ transitions in $B_{\overline{d}} \rightarrow D^0 K^+$ and $B_{\overline{d}} \rightarrow D^{*0} K^+$. <i>Physical Review D</i> , 2005 , 72,	4.9	19
497	Measurement of the branching fraction and the CP-violating asymmetry for the decay $B^0 \rightarrow K_S^0 \pi^0$. <i>Physical Review D</i> , 2005 , 71,	4.9	19
496	Measurement of the B^0 - B^0 oscillation frequency with inclusive dilepton events. <i>Physical Review Letters</i> , 2002 , 88, 221803	7.4	19
495	Observation of the Annihilation Decay Mode $B^0 \rightarrow K^+ K^-$. <i>Physical Review Letters</i> , 2017 , 118, 081801	7.4	18
494	Observation of an Excited $B_{\{c\}^+}$ State. <i>Physical Review Letters</i> , 2019 , 122, 232001	7.4	18
493	Study of the lineshape of the $B_1(3872)$ state. <i>Physical Review D</i> , 2020 , 102,	4.9	18
492	First Observation of Excited $B_{\{b\}^+}$ States. <i>Physical Review Letters</i> , 2020 , 124, 082002	7.4	18
491	Observation of Several Sources of CP Violation in $B^+ \rightarrow \pi^+ \pi^+ \pi^-$ Decays. <i>Physical Review Letters</i> , 2020 , 124, 031801	7.4	18
490	Measurement of the CP Asymmetry in $B_{\{s\}^0}$ - $B_{\overline{\{s\}^0}}$ Mixing. <i>Physical Review Letters</i> , 2016 , 117, 061803	7.4	18
489	Searches for (Λ_{b^0}) and (Ξ_{b^0}) decays to ($K_{\text{charm}}^0 \pi^+$) and ($K_{\text{charm}}^0 \pi^0$) final states with first observation of the (Λ_{b^0} to $K_{\text{charm}}^0 \pi^+$) decay. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	18
488	Angular analysis of charged and neutral $B \rightarrow K \pi$ decays. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	18
487	Measurements of indirect CP asymmetries in $D^0 \rightarrow K^- K^+$ and $D^0 \rightarrow \pi^+ \pi^-$ decays. <i>Physical Review Letters</i> , 2014 , 112, 041801	7.4	18
486	Measurement of relative branching fractions of decays to (2) and 1 mesons. <i>European Physical Journal C</i> , 2012 , 72, 2118	4.2	18
485	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
484	The ATLAS TRT Barrel Detector. <i>Journal of Instrumentation</i> , 2008 , 3, P02014-P02014	1	18
483	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

482	Dalitz plot analysis of $D^0 \rightarrow K^0 K^+ K^-$. <i>Physical Review D</i> , 2005 , 72,	4.9	18
481	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
480	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
479	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
478	Observation of the decay $B_s^0 \rightarrow \eta \pi^0$ and evidence for $B^0 \rightarrow \eta \pi^0$. <i>Physical Review D</i> , 2017 , 95,	4.9	17
477	First Measurement of Charm Production in its Fixed-Target Configuration at the LHC. <i>Physical Review Letters</i> , 2019 , 122, 132002	7.4	17
476	Measurement of the forward energy flow in collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2013 , 73, 2421	4.2	17
475	Study of W boson production in association with beauty and charm. <i>Physical Review D</i> , 2015 , 92,	4.9	17
474	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
473	Measurement of the CP-violating phase ϕ_s in $B_s(0) \rightarrow D_s^{(+)} D_s^{(-)}$ decays. <i>Physical Review Letters</i> , 2014 , 113, 211801	7.4	17
472	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
471	Measurement of the $\Upsilon(3P)$ mass and of the relative rate of $\Upsilon(1P)$ and $\Upsilon(2P)$ production. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	17
470	Measurement of the fraction of $\Upsilon(1S)$ originating from $\Upsilon(1P)$ decays in pp collisions at ($\sqrt{s}=7, \text{TeV}$). <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	17
469	Search for CP violation in $D^+ \rightarrow K^0 K^+ \pi^0$ decays. <i>Physical Review D</i> , 2011 , 84,	4.9	17
468	Measurement of the $B_s^0 \rightarrow J/\psi \pi^0$ branching fraction and angular amplitudes. <i>Physical Review D</i> , 2012 , 86,	4.9	17
467	Measurement of the spin of the $\omega(-)$ hyperon. <i>Physical Review Letters</i> , 2006 , 97, 112001	7.4	17
466	Search for D^0 - \bar{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
465	Measurements of branching fractions in $B \rightarrow \bar{K}^0$ and $B \rightarrow \bar{K}^0$ and search for direct CP violation in $B \rightarrow \bar{K}^0$. <i>Physical Review D</i> , 2004 , 69,	4.9	17

464	Measurement of the time-dependent CP asymmetry in the $B^0 \rightarrow \pi^0 K^0$ decay. <i>Physical Review Letters</i> , 2004 , 93, 071801	7.4	17
463	Observations of $B^0 \rightarrow \pi^0 \pi^0$ and $B^0 \rightarrow \pi^0 \pi^0 K^0$ decays and searches for other $B^0 \rightarrow \pi^0 \pi^0$ and $B^0 \rightarrow \pi^0 \pi^0 K^0$ decays to $\pi^0 \pi^0$ final states. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	17
462	Study of B_c^+ decays to the $K^+ K^0$ final state and evidence for the decay $B_c^+ \rightarrow \pi^0 \pi^0$. <i>Physical Review D</i> , 2016 , 94,	4.9	17
461	Angular moments of the decay $B^0 \rightarrow \pi^0 \pi^0$ at low hadronic recoil. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	17
460	First Experimental Study of Photon Polarization in Radiative $B_{\{s\}}^0$ Decays. <i>Physical Review Letters</i> , 2017 , 118, 021801	7.4	16
459	Search for CP violation in $D^0 \rightarrow \pi^0 \pi^0$ decays with the energy test. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015 , 740, 158-167	4.2	16
458	First Observation of D^0 - \overline{D}^0 Oscillations in $D^0 \rightarrow K^+ \pi^- \pi^+ \pi^-$ Decays and Measurement of the Associated Coherence Parameters. <i>Physical Review Letters</i> , 2016 , 116, 241801	7.4	16
457	Near-threshold (\overline{D}^0) spectroscopy and observation of a new charmonium state. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	16
456	Evidence for the decay ($B_{\{c\}}^+ \rightarrow J/\psi \pi^+ \pi^0$). <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	16
455	Measurement of the effective $B_{s^0} \rightarrow K^+ K^0$ lifetime. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 707, 349-356	4.2	16
454	Observation of $\psi(2S) \rightarrow p\bar{p}$ and search for $X(3872) \rightarrow p\bar{p}$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017 , 769, 305-313	4.2	16
453	Measurements of prompt charm production cross-sections in pp collisions at $\sqrt{s} = 5$ TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017,	5.4	16
452	First observation of top quark production in the forward region. <i>Physical Review Letters</i> , 2015 , 115, 112001	7.4	16
451	Amplitude analysis of $B^0 \rightarrow D^0 K^+ \pi^-$ decays. <i>Physical Review D</i> , 2015 , 92,	4.9	16
450	Search for CP violation using T-odd correlations in $D^0 \rightarrow K^+ K^0 \pi^0$ decays. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	16
449	Observations of $\psi(2S) \rightarrow p\bar{p}$. <i>Nuclear Physics B</i> , 2013 , 871, 403-419	2.8	16
448	Measurement of the branching fractions of the decays $B_{s^0} \rightarrow D^0 K^+ \pi^-$ and $B^0 \rightarrow D^0 K^+ \pi^-$. <i>Physical Review D</i> , 2013 , 87,	4.9	16
447	Observation of $B(s)(0) \rightarrow J/\psi(1525)$ in $J/\psi + K^-$ final states. <i>Physical Review Letters</i> , 2012 , 108, 151801	7.4	16

446	The ATLAS TRT end-cap detectors. <i>Journal of Instrumentation</i> , 2008 , 3, P10003-P10003	1	16
445	The ATLAS Transition Radiation Tracker (TRT) proportional drift tube: design and performance. <i>Journal of Instrumentation</i> , 2008 , 3, P02013-P02013	1	16
444	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
443	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
442	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
441	Search for Higgs-like bosons decaying into long-lived exotic particles. <i>European Physical Journal C</i> , 2016 , 76, 664	4.2	16
440	Measurement of CP observables in $B_{\pm}^0 \rightarrow DK_{\pm}^0$ and $B_{\pm}^0 \rightarrow D_{\pm}^0$ 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
439	Search for the lepton-flavour violating decays $B^0(s) \rightarrow e \mu \mu$. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	15
438	Observation of Z production in proton-lead collisions at LHCb. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	15
437	Search for CP violation in the decay $B^0 \rightarrow \pi^0 \pi^0$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 728, 585-595	4.2	15
436	Measurement of the $B^0 \bar{B}^0$ oscillation frequency Δm_d with the decays $B^0 \rightarrow D_{\pm}^0$ and $B^0 \rightarrow J/\psi K^0$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 719, 318-325	4.2	15
435	Observation of the $B_{\pm}^0 \rightarrow J/\psi K_{\pm}^0$ decay. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017 , 772, 265-273	4.2	15
434	Measurement of CP asymmetries in the decays $B^0 \rightarrow K^0 \pi^+ \pi^-$ and $B^+ \rightarrow K^+ \pi^+ \pi^-$. <i>Journal of High Energy Physics</i> , 2014 , 2014,	5.4	15
433	First measurement of the charge asymmetry in beauty-quark pair production. <i>Physical Review Letters</i> , 2014 , 113, 082003	7.4	15
432	Measurements of the branching fractions of the decays $B_s^0 \rightarrow D_s^{\pm} \pi^{\mp} K^{\pm}$ and $B_s^0 \rightarrow D_s^{\pm} \pi^{\mp} \pi^{\pm}$. <i>Journal of High Energy Physics</i> , 2012 , 2012,	5.4	15
431	Measurement of the polarization amplitudes in $B^0 \rightarrow J/\psi (892)^0$ decays. <i>Physical Review D</i> , 2013 , 88,	4.9	15
430	Inclusive \bar{B}^+ production in e^+e^- annihilations at $\sqrt{s}=10.54$ GeV and in $\Upsilon(4S)$ decays. <i>Physical Review D</i> , 2007 , 75,	4.9	15
429	Measurement of $B^0 \rightarrow D^{(*)0} K^0$ branching fractions. <i>Physical Review D</i> , 2006 , 74,	4.9	15

428	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
427	Measurement of the branching fraction, and bounds on the CP-violating asymmetries, of neutral B decays to $D^{*+/-} D^{-/+}$. <i>Physical Review Letters</i> , 2003 , 90, 221801	7.4	15
426	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
425	Study of the $\Xi(3823)$ and $\Xi(3872)$ states in $B^+ \rightarrow (J/\psi) K^+$ decays. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	15
424	Observation of $\Lambda_b^- \rightarrow (\psi) p K^-$ and $\Lambda_b^- \rightarrow J/\psi p K^-$ decays and a measurement of the Λ_b baryon mass. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	15
423	Measurement of the properties of the $\Lambda_b^* 0$ baryon. <i>Journal of High Energy Physics</i> , 2016 , 2016,	5.4	15
422	Evidence for the decay $(B_s^0 \rightarrow \overline{K}^* 0) \mu^+ \mu^-$. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	15
421	Precise measurements of the properties of the $B(5721)_{0,+}$ and $B^*(5747)_{0,+}$ states and observation of $B_{s,0}$ mass structures. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	14
420	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
419	Precision measurement of the Ξ^+ , Ξ^0 , and Ξ^0 baryon lifetimes. <i>Physical Review D</i> , 2019 , 100,	4.9	14
418	Search for CP violation in $D^+ \rightarrow \pi^+ \pi^0$ and $(D_s^+ \rightarrow K^+ \pi^+ \pi^0)$ decays. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	14
417	Study of $B_{(s)}^0 \rightarrow K_{(S)}^0 h^+ h^{\prime -}$ decays with first observation of $B_s^0 \rightarrow K_{(S)}^0 K^{\pm} \pi^{\mp}$ and $B_s^0 \rightarrow K_{(S)}^0 \pi^+ \pi^-$. <i>Journal of High Energy Physics</i> , 2013 , 2013,	5.4	14
416	Observation of $B_{(s)}^0 \overline{B}_{(s)}^0$ mixing and measurement of mixing frequencies using semileptonic B decays. <i>European Physical Journal C</i> , 2013 , 73,	4.2	14
415	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
414	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
413	Evidence for the Strangeness-Changing Weak Decay $\Xi_b^- \rightarrow \Xi_b^0 \pi^-$. <i>Physical Review Letters</i> , 2015 , 115, 241801	7.4	14
412	Evidence for CP violation in $B^+ \rightarrow \pi^+ \pi^0$ decays. <i>Physical Review Letters</i> , 2014 , 113, 141801	7.4	14
411	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

410	First measurement of the CP-violating phase in $B_s(0) \rightarrow \tau\tau$ decays. <i>Physical Review Letters</i> , 2013 , 110, 241802	7.4	14
409	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
408	Search for rare $B(0)(s) \rightarrow \tau^+\tau^-$ decays. <i>Physical Review Letters</i> , 2013 , 110, 211801	7.4	14
407	First observation of the decay . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 706, 32-39	4.2	14
406	Measurement of the $B(\chi_s)(0)$ effective lifetime in the $J/\psi(980)$ final state. <i>Physical Review Letters</i> , 2012 , 109, 152002	7.4	14
405	Measurement of the B^0 lifetime and the B^0B^0 oscillation frequency using partially reconstructed $B^0 \rightarrow D^* + \pi^0$ decays. <i>Physical Review D</i> , 2006 , 73,	4.9	14
404	Search for $B^+ \rightarrow \tau^+ \pi^0$ and $B^0 \rightarrow \tau^0$ decays. <i>Physical Review D</i> , 2006 , 74,	4.9	14
403	B meson decays to K^* , $\pi\pi$, and $\pi 0$. <i>Physical Review D</i> , 2006 , 74,	4.9	14
402	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
401	Search for the rare leptonic decay $B^0 \rightarrow \tau^+ \nu_{\tau}$. <i>Physical Review Letters</i> , 2005 , 95, 041804	7.4	14
400	Angular Analysis of the $B^+ \rightarrow K^{*+} \pi^+ \pi^-$ Decay. <i>Physical Review Letters</i> , 2021 , 126, 161802	7.4	14
399	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
398	Amplitude Analysis of $B^+ \rightarrow \pi^+ K^+ K^-$ Decays. <i>Physical Review Letters</i> , 2019 , 123, 231802	7.4	14
397	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
396	Study of the rare B_s^0 and B^0 decays into the $\pi\pi$ final state. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015 , 743, 46-55	4.2	13
395	Search for excited $B + c$ states. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	13
394	Studies of the resonance structure in $D^0 \rightarrow K_S^0 K^0 \pi^0$ decays. <i>Physical Review D</i> , 2016 , 93,	4.9	13
393	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

392	A study of the Z production cross-section in pp collisions at ($\sqrt{s}=7,\text{TeV}$) using tau final states. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	13
391	Observation of the decay $B_s^0 \rightarrow D^0 \pi^0$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 727, 403-411	4.2	13
390	Observation of $B_{c^+} \rightarrow D^0 K^+$ Decays. <i>Physical Review Letters</i> , 2017 , 118, 111803	7.4	13
389	Resonances and CP violation in B^0 and ($\overline{B}_s^0 \rightarrow J/\psi \{K^+\}_{\{K^-\}}$) decays in the mass region above the $\psi(1020)$. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	13
388	Study of CP violation in $B^0 \rightarrow D^0 h$ ($h=K, \pi$) with the modes $D^0 \rightarrow K^0 \pi^0$, $D^0 \rightarrow \pi^0 \pi^0$ and $D^0 \rightarrow K^0 K^0$. <i>Physical Review D</i> , 2015 , 91,	4.9	13
387	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
386	Measurement of CP violation and constraints on the CKM angle $\sin 2\beta$ in $B^0 \rightarrow DK$ with $D \rightarrow KS$ decays. <i>Nuclear Physics B</i> , 2014 , 888, 169-193	2.8	13
385	Measurement of CP violation in $B_s^0 \rightarrow \pi^+ \pi^-$ decays. <i>Physical Review D</i> , 2014 , 90,	4.9	13
384	Measurement of the polarization amplitudes and triple product asymmetries in the $B^0 \rightarrow D^0 \pi^0$ decay. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 713, 369-377	4.2	13
383	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
382	Study of the $B^0 \rightarrow h^+ h^- \pi^0$ decay. <i>Physical Review D</i> , 2005 , 72,	4.9	13
381	Measurement of the ratio $B(B^0 \rightarrow D^0 K^+ \pi^-)/B(B^0 \rightarrow D^0 \pi^0)$ and of the CP asymmetry of $B^0 \rightarrow D^0 K^+ \pi^-$ decays. <i>Physical Review D</i> , 2005 , 71,	4.9	13
380	Measurement of time-dependent CP-violating asymmetries in $B^0 \rightarrow K^0 \gamma (K^0 \rightarrow K^0 \pi^0)$ decays. <i>Physical Review Letters</i> , 2004 , 93, 201801	7.4	13
379	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
378	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
377	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
376	Evidence for $B^+ \rightarrow J/\psi \pi^+ \Lambda_b^0$; and search for $B^0 \rightarrow J/\psi \pi^0 p$. <i>Physical Review Letters</i> , 2003 , 90, 231801	7.4	13
375	Search for the doubly charmed baryon (Ξ_{cc}^{++}). <i>Science China: Physics, Mechanics and Astronomy</i> , 2020 , 63, 1	3.6	13

374	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
373	First study of the CP-violating phase and decay-width difference in $B_{s0} \rightarrow (\rho S)^?$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 762, 253-262	4.2	13
372	Search for the Lepton-Flavor-Violating Decays $B_{s}^{0} \rightarrow \mu \mu$ and $B^{0} \rightarrow \mu \mu$. <i>Physical Review Letters</i> , 2019 , 123, 211801	7.4	13
371	Central exclusive production of J/ψ and (ρS) mesons in pp collisions at $s = 13 \sqrt{s}=13$ TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018,	5.4	13
370	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
369	Measurement of B^+ , B^0 and \bar{B}^0 production in pPb collisions at $\sqrt{s_{NN}}=8.16$ TeV. <i>Physical Review D</i> , 2019 , 99,	4.9	12
368	Test of lepton universality with $(\Lambda_b^0 \rightarrow p K^{\pm} \ell^{\pm} \ell^{\mp})$ decays. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	12
367	Measurement of CP violation parameters and polarisation fractions in $(B_{s}^{0} \rightarrow J/\psi \overline{K}^{\pm})$ decays. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	12
366	Observation of the decay $B_{s0} \rightarrow (\rho S) K^{\pm}$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015 , 747, 484-494	4.2	12
365	Measurement of the $B_{s0} \rightarrow D_{s} D_{s}^+$ and $B_{s0} \rightarrow D D_{s}^+$ effective lifetimes. <i>Physical Review Letters</i> , 2014 , 112, 111802	7.4	12
364	A study of CP violation in $B_{\mu}^{\pm} \rightarrow D K_{\mu}^{\pm}$ and $B_{\mu}^{\pm} \rightarrow D_{\mu}^{\pm}$ decays with $D \rightarrow K S_0 K_{\mu}^{\pm}$ final states. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 733, 36-45	4.2	12
363	Measurement of the ratio of branching fractions $B(B^0 \rightarrow K^* 0) / B(B_{s0} \rightarrow ?)$. <i>Physical Review D</i> , 2012 , 85,	4.9	12
362	Measurement of the . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 713, 172-179	4.2	12
361	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
360	Measurement of the $B_{\mu}^{\pm} \rightarrow D^{*+} \mu^{\pm}$ decay rate and $ V_{cb} $. <i>Physical Review D</i> , 2005 , 71,	4.9	12
359	Measurement of CP observables for the decays $B_{\mu}^{\pm} \rightarrow D C P_0 K_{\mu}^{\pm}$. <i>Physical Review D</i> , 2005 , 72,	4.9	12
358	Study of the decay $B_{\mu}^{\pm} \rightarrow D^{*+} \mu^{\pm}$. <i>Physical Review D</i> , 2006 , 74,	4.9	12
357	Searches for B^0 decays to $K_0, \mu \mu, \mu$, and μ . <i>Physical Review D</i> , 2006 , 74,	4.9	12

356	Branching fraction limits for B_0 decays to Ξ_{cc}^{++} and Ξ_{cc}^{+} . <i>Physical Review D</i> , 2006 , 73,	4.9	12
355	Search for the decay $B \rightarrow \Xi_{cc}^{++} \pi^-$. <i>Physical Review D</i> , 2006 , 73,	4.9	12
354	Search for the decay $B_0 \rightarrow \Lambda_{cc}^{++} \pi^-$. <i>Physical Review D</i> , 2006 , 74,	4.9	12
353	Measurement of CP observables for the decays $B_{\pm} \rightarrow DCP_0K_{\pm}$. <i>Physical Review D</i> , 2006 , 73,	4.9	12
352	Measurement of time-dependent CP asymmetries in $B_0 \rightarrow D^{(*)+} \pi^-$ decays and constraints on $\sin(2\beta + \gamma)$. <i>Physical Review Letters</i> , 2004 , 92, 251801	7.4	12
351	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
350	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
349	Measurement of the branching fraction of $\Gamma(4S) \rightarrow B_0 B_0$. <i>Physical Review Letters</i> , 2005 , 95, 042001	7.4	12
348	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
347	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
346	Observation of the $B_0 \rightarrow \Xi_{cc}^{++}$ decay. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 759, 282-292	4.2	12
345	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
344	Measurement of the Ξ_{cc}^{++} Baryon Lifetime. <i>Physical Review Letters</i> , 2018 , 121, 092003	7.4	12
343	Measurement of CP asymmetry in $D_0 \rightarrow K_{\pm}^+ \pi^-$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017 , 767, 177-187	4.2	11
342	Precision measurement of the (χ_{cc}^{++}) mass. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	11
341	Differential branching fraction and angular moments analysis of the decay $B_0 \rightarrow K^+ \pi^-$ in the $K^*_{0,2}(1430)$ region. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	11
340	Model-independent measurement of mixing parameters in $D_0 \rightarrow K^+ S^0$ decays. <i>Journal of High Energy Physics</i> , 2016 , 2016,	5.4	11
339	Measurement of the time-dependent CP asymmetry in $B_0 \rightarrow J/\psi K_S$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 721, 24-31	4.2	11

338	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
337	Measurement of the branching fraction ratio $B(B_c \rightarrow \eta) / B(B_c \rightarrow J/\psi)$. <i>Physical Review D</i> , 2015 , 92,	4.9	11
336	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
335	Measurement of CP violation parameters in $B^0 \rightarrow DK^0$ decays. <i>Physical Review D</i> , 2014 , 90,	4.9	11
334	Measurement of the CP asymmetry in $B^+ \rightarrow K^+ (\pi^+ \pi^-)$ decays. <i>Physical Review Letters</i> , 2013 , 111, 151801	7.4	11
333	Studies of the decays $B^+ \rightarrow \rho^+ \pi^+$ and observation of $B^+ \rightarrow \rho(1520) \pi$. <i>Physical Review D</i> , 2013 , 88,	4.9	11
332	Measurement of the $B_{FB}^0 \rightarrow \pi^0 \pi^0$ branching fraction and direct CP asymmetry. <i>Physical Review D</i> , 2007 , 75,	4.9	11
331	Measurement of the branching ratios $\Gamma(D_s^{*+} \rightarrow D_s^+ \pi^0) / \Gamma(D_s^{*+} \rightarrow D_s^+ \pi)$ and $\Gamma(D^{*0} \rightarrow D^0 \pi^0) / \Gamma(D^{*0} \rightarrow D^0 \pi)$. <i>Physical Review D</i> , 2005 , 72,	4.9	11
330	Measurement of the branching fraction for $B_{FB}^0 \rightarrow \pi^0 K_{FB}^0$. <i>Physical Review D</i> , 2004 , 69,	4.9	11
329	Searches for B^0 decays to combinations of two charmless isoscalar mesons. <i>Physical Review Letters</i> , 2004 , 93, 181806	7.4	11
328	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
327	Search for factorization-suppressed $B^+ \rightarrow \chi(c) K^+$ decays. <i>Physical Review Letters</i> , 2005 , 94, 171801	7.4	11
326	Studies of the resonance structure in decays. <i>European Physical Journal C</i> , 2018 , 78, 443	4.2	11
325	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
324	Observation of New Resonances Decaying to $J/\psi K^+$ and J/ψ . <i>Physical Review Letters</i> , 2021 , 127, 082001	7.4	11
323	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
322	Observation of New Ω_c^0 Baryons Decaying to $\Omega_c^+ K^-$. <i>Physical Review Letters</i> , 2020 , 124, 222001	7.4	10
321	Measurement of CP observables in $B_{FB}^0 \rightarrow D^0 K_{FB}^0$ and $B_{FB}^0 \rightarrow D^0 \pi$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018 , 777, 16-30	4.2	10

320	Study of $(2S)$ 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
319	First observation of the decay $D^0 \rightarrow K^0 \pi^0$ in the $\pi\pi$ region of the dimuon mass spectrum. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 757, 558-567	4.2	10
318	Measurement of the B^0 and B^+ baryon lifetimes. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 736, 154-162	4.2	10
317	Measurement of the charge asymmetry in B^0 . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 728, 85-94	4.2	10
316	Search for the rare decay $(K_{\text{charm}}^0 \rightarrow \mu^+ \mu^-)$. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	10
315	Measurement of the effective τ_{B^0} . <i>Nuclear Physics B</i> , 2013 , 873, 275-292	2.8	10
314	Measurement of B_{charm}^0 and D_{charm}^0 Meson Lifetimes. <i>Physical Review Letters</i> , 2017 , 119, 101801	7.4	10
313	Observation of the suppressed decay $B^0 \rightarrow \rho^0 \pi^0$. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	10
312	Measurement of B^0 , B_s^0 , B^+ and B^0 production asymmetries in 7 and 8 TeV proton-proton collisions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017 , 774, 139-158	4.2	10
311	First Observation of a Baryonic B_{charm}^0 Decay. <i>Physical Review Letters</i> , 2017 , 119, 041802	7.4	10
310	Search for the decay $(B_{\text{charm}}^0 \rightarrow \overline{D}^0 \pi^0)$. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	10
309	Measurement of the B_{charm}^0 meson lifetime in $D_s^+ \rightarrow B_{\text{charm}}^0$ decays. <i>Physical Review Letters</i> , 2014 , 113, 172001	7.4	10
308	Observation of charmonium pairs produced exclusively in $\sqrt{s_{pp}}$ collisions. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2014 , 41, 115002	2.9	10
307	Measurement of CP asymmetry in $B^0 \rightarrow D^+ \pi^- K^0$ decays. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	10
306	Measurement of the effective τ_{B^0} . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 716, 393-400	4.2	10
305	Evidence for the decay $B^0 \rightarrow K^* \pi^0$. <i>Physical Review D</i> , 2005 , 71,	4.9	10
304	Measurement of the $D^+ \rightarrow \pi^0 \pi^0$ and $D^+ \rightarrow K^0 \pi^0$ branching fractions. <i>Physical Review D</i> , 2006 , 74,	4.9	10
303	Branching fraction measurements of charged B decays to K^*+K^0 , $K^*+\pi^0$, K^*+K^+ and $K^*+\pi^+$ final states. <i>Physical Review D</i> , 2006 , 74,	4.9	10

302	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
301	Measurements of CP-violating asymmetries and branching fractions in B decays to \bar{K} and π . <i>Physical Review D</i> , 2006 , 74,	4.9	10
300	Measurement of branching fractions in radiative B decays to \bar{K}^0 and search for B decays to $\pi^0 K^0$. <i>Physical Review D</i> , 2006 , 74,	4.9	10
299	Search for the charmed pentaquark candidate $\bar{c}(3100)0$ in e^+e^- annihilations at $s=10.58$ GeV. <i>Physical Review D</i> , 2006 , 73,	4.9	10
298	Study of high momentum eta' production in $B \rightarrow \eta' X$ s. <i>Physical Review Letters</i> , 2004 , 93, 061801	7.4	10
297	Search for B^0 decays to invisible final states and to η . <i>Physical Review Letters</i> , 2004 , 93, 091802	7.4	10
296	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
295	Searches for low-mass dimuon resonances. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	10
294	A new algorithm for identifying the flavour of B^0 mesons at LHCb. <i>Journal of Instrumentation</i> , 2016 , 11, P05010-P05010	1	10
293	Search for B_c^+ decays to the $p\bar{p}$ final state. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 759, 313-321	4.2	10
292	Prompt \bar{c} production in pPb collisions at $(\sqrt{s_{\text{NN}}}=5.02)$ TeV. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	10
291	Measurement of the mass and production rate of B baryons. <i>Physical Review D</i> , 2019 , 99,	4.9	9
290	A measurement of the CP asymmetry difference between $\bar{B}^+ \rightarrow p\bar{K}^+$ and $p\bar{B}$ decays. <i>Journal of High Energy Physics</i> , 2018 , 2018,	5.4	9
289	Effective lifetime measurements in the $B_s^0 \rightarrow K^+ K^- B^0 \rightarrow K^+ \pi^-$ and $B_s^0 \rightarrow \pi^+ K^-$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 736, 446-454	4.2	9
288	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
287	Measurement of the time-dependent CP asymmetries in $B_s^0 \rightarrow J/\psi K_S^0$. <i>Journal of High Energy Physics</i> , 2015 , 2015,	5.4	9
286	Observation of the $B^0 \rightarrow \pi^0 \pi^0$ decay from an amplitude analysis of $B^0 \rightarrow (\pi^+ \pi^-) \pi^0$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015 , 747, 468-478	4.2	9
285	Study of $B^0 \rightarrow D^* \pi^0$ and $B^0 \rightarrow D^* K^0$ decays. <i>Physical Review D</i> , 2013 , 87,	4.9	9

284	First observation of the decays $B_c(s)0 \rightarrow Ds + K^0$ and $B_c s0 \rightarrow Ds1(2536) + \pi$ <i>Physical Review D</i> , 2012 , 86,	4.9	9
283	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
282	The ATLAS TRT electronics. <i>Journal of Instrumentation</i> , 2008 , 3, P06007-P06007	1	9
281	Branching fraction measurement of $B^0 \rightarrow D^{(*)+} \pi^-$ and $B^+ \rightarrow D^{(*)0} \pi^+$ and isospin analysis of $B^+ \rightarrow D^{(*)+} \pi^0$ decays. <i>Physical Review D</i> , 2007 , 75,	4.9	9
280	Study of inclusive B^+ and B^0 decays to flavor-tagged D, Ds, and \bar{D}^+ . <i>Physical Review D</i> , 2007 , 75,	4.9	9
279	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
278	Observation of decays $B^0 \rightarrow Ds^{(*)+} \pi^-$ and $B^0 \rightarrow Ds^{(*)-} K^+$. <i>Physical Review Letters</i> , 2007 , 98, 081801	7.4	9
277	Search for the decay $B^+ \rightarrow 4\pi^+(0)$ <i>Physical Review D</i> , 2005 , 72,	4.9	9
276	Measurement of the branching fractions for inclusive B^+ and B^0 decays to flavor-tagged D, Ds, and \bar{D}^+ . <i>Physical Review D</i> , 2004 , 70,	4.9	9
275	Branching fraction measurements of $B \rightarrow \bar{D} K$ decays. <i>Physical Review D</i> , 2004 , 70,	4.9	9
274	Search for the decay $B^0 \rightarrow J/\psi$ <i>Physical Review D</i> , 2004 , 70,	4.9	9
273	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
272	Production and decay of $\chi(c)0$ at BABAR. <i>Physical Review Letters</i> , 2005 , 95, 142003	7.4	9
271	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
270	Search for CP violation in $B^0 \rightarrow p K^0$ and $B^0 \rightarrow p \bar{K}^0$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018 , 787, 124-133	4.2	9
269	Measurement of the CKM angle Γ using $B^+ \rightarrow DK^+$ with $D \rightarrow K^0 S^+ \bar{K}^0 S^+ K^+ K^+$ decays. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	9
268	Search for the rare decay $\bar{D}^+ \rightarrow p \pi^0$ <i>Physical Review D</i> , 2018 , 97,	4.9	9
267	Search for the suppressed decays $B^+ \rightarrow K^+ K^+$ and $B^+ \rightarrow \pi^+ K^0$ <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017 , 765, 307-316	4.2	8

266	Observation of $B_{c^+} \rightarrow J/\psi D^{(*)} K^{(*)}$ decays. <i>Physical Review D</i> , 2017 , 95,	4.9	8
265	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
264	Search for the rare decay $(\{B^+\}) \rightarrow \mu^+ \mu^- \mu^+ \mu^-$. <i>European Physical Journal C</i> , 2019 , 79, 1	4.2	8
263	Measurement of the Charm-Mixing Parameter y_{CP} . <i>Physical Review Letters</i> , 2019 , 122, 011802	7.4	8
262	Study of B mixing from measurement of $B(s) \rightarrow J/\psi$ decay rates. <i>Journal of High Energy Physics</i> , 2015 , 2015,	5.4	8
261	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
260	Measurement of branching fractions of charmless four-body $B \rightarrow b$ and $B \rightarrow b$ decays. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	8
259	Evidence for the Rare Decay $\pi^+ \rightarrow p \pi^+ \pi^-$. <i>Physical Review Letters</i> , 2018 , 120, 221803	7.4	8
258	Measurement of polarization amplitudes and CP asymmetries in $B^0 \rightarrow \psi(892) 0$. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	8
257	Search for the decay . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 728, 234-243	4.2	8
256	Observation of . <i>Nuclear Physics B</i> , 2013 , 874, 663-678	2.8	8
255	χ_{c1} and χ_{c2} Resonance Parameters with the Decays $\chi_{c1,c2} \rightarrow J/\psi \pi^+ \pi^-$. <i>Physical Review Letters</i> , 2017 , 119, 221801	7.4	8
254	Measurement of the B_{π} production cross-section in pp collisions at $\sqrt{s} = 7$ and 13 TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017,	5.4	8
253	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
252	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
251	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
250	First observation of the decays $B(0) \rightarrow D^{(*)} K^{(*)} \pi^+ \pi^-$ and $B^{(*)} \rightarrow D^{(*)} K^{(*)} \pi^+ \pi^-$. <i>Physical Review Letters</i> , 2012 , 108, 161801	7.4	8
249	Search for the reactions $e^+ e^- \rightarrow \pi^+ \pi^-$ and $e^+ e^- \rightarrow e^+ \pi^-$ <i>Physical Review D</i> , 2007 , 75,	4.9	8

248	Towards the european strategy for particle physics: The briefing book. <i>European Physical Journal C</i> , 2007 , 51, 421-500	4.2	8
247	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
246	Measurement of the absolute branching fractions $B \rightarrow D^0 D^{*0}$ with a missing mass method. <i>Physical Review D</i> , 2006 , 74,	4.9	8
245	Study of $b \rightarrow c$ interference in the decay $B \rightarrow [K^+ D^0 K^0]$ <i>Physical Review D</i> , 2005 , 72,	4.9	8
244	Search for $B \rightarrow J/\psi D$ decays. <i>Physical Review D</i> , 2005 , 71,	4.9	8
243	Measurement of the ratio $B(B^+ \rightarrow X e^+) / B(B^0 \rightarrow X e^0)$ <i>Physical Review D</i> , 2006 , 74,	4.9	8
242	Measurement of the branching fraction and polarization for the decay $B \rightarrow D^0 K^{*-}$. <i>Physical Review Letters</i> , 2004 , 92, 141801	7.4	8
241	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
240	Search for the decay $B^0 \rightarrow \gamma \gamma$. <i>Physical Review Letters</i> , 2001 , 87, 241803	7.4	8
239	Search for the lepton flavour violating decay $B^+ \rightarrow K^+ \mu$ using (B_{s2}^0) decays. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	8
238	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
237	Measurement of forward $W \rightarrow e \mu$ production in pp collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	8
236	Search for Lepton-Flavor Violating Decays $B^+ \rightarrow K^+ \mu e^?$. <i>Physical Review Letters</i> , 2019 , 123, 241802	7.4	8
235	Study of τ 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
234	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
233	Measurements of the branching fractions of $\tau^+ \rightarrow p \mu$, $\tau^+ \rightarrow p K^+$, and $\tau^+ \rightarrow p \bar{K}^+$. <i>Journal of High Energy Physics</i> , 2018 , 2018,	5.4	8
232	Search for the CP-violating strong decays $\phi \rightarrow \mu \mu$ and $\phi(958) \rightarrow \mu \mu$ <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017 , 764, 233-240	4.2	7
231	Observation of the Decay $\tau^+ \rightarrow p K^+ K^+$. <i>Physical Review Letters</i> , 2017 , 118, 071801	7.4	7

230	Improved limit on the branching fraction of the rare decay. <i>European Physical Journal C</i> , 2017 , 77, 678	4.2	7
229	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
228	Study of $D^{(*)} + sJ$ mesons decaying to $D^{*} + K^0S$ and $D^0 K +$ final states. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	7
227	Observation of the $B^0_s \rightarrow J/\psi$ decay. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	7
226	Observation of the decay $B^0 \rightarrow \bar{B} + pp$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018 , 784, 101-111	4.2	7
225	First Observation of the Radiative Decay $B^0 \rightarrow \gamma$. <i>Physical Review Letters</i> , 2019 , 123, 031801	7.4	7
224	Updated measurement of time-dependent (CP)-violating observables in $(B^0_s \rightarrow J/\psi K^+ K^-)$ decays. <i>European Physical Journal C</i> , 2019 , 79, 1	4.2	7
223	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
222	First evidence for the two-body charmless baryonic decay $B^0 \rightarrow \bar{p} \pi^+$. <i>Journal of High Energy Physics</i> , 2013 , 2013,	5.4	7
221	First observation of the decay $(B_s^0 \rightarrow \pi^+ \bar{K}^{*0})$. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	7
220	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
219	Search for decays of neutral beauty mesons into four muons. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	7
218	Search for the rare decays $B^0 \rightarrow J/\psi \pi^0$ and $B_s^0 \rightarrow J/\psi \pi^0$. <i>Physical Review D</i> , 2015 , 92,	4.9	7
217	Observation of the $B(s)^0 \rightarrow \pi^+ \pi^-$ Decay. <i>Physical Review Letters</i> , 2015 , 115, 051801	7.4	7
216	First observations of the rare decays $B^+ \rightarrow K^+ \pi^+ \pi^-$ and $B^+ \rightarrow K^+ \pi^+ \pi^0$. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	7
215	Measurement of B decays to $\pi^+ K^0$. <i>Physical Review D</i> , 2007 , 75,	4.9	7
214	Measurements of B^+ branching fractions of Cabibbo-suppressed decay modes involving π^0 and η . <i>Physical Review D</i> , 2007 , 75,	4.9	7
213	Measurement of branching fractions and mass spectra of $B \rightarrow K \pi \pi$. <i>Physical Review Letters</i> , 2007 , 98, 211804	7.4	7

212	Observation of $B \rightarrow \eta' K^*$ and evidence for $B \rightarrow \eta' \rho^+$. <i>Physical Review Letters</i> , 2007 , 98, 051802	7.4	7
211	Search for the W-exchange decays $B^0 \rightarrow D_s^{(*)} D_s^{(*)+}$. <i>Physical Review D</i> , 2005 , 72,	4.9	7
210	Precise branching ratio measurements of the decays $D^0 \rightarrow \pi^0 \pi^0$ and $D^0 \rightarrow K_S^0 \pi^0$ relative to the $D^0 \rightarrow K_S^0 \pi^0$ decay. <i>Physical Review D</i> , 2006 , 74,	4.9	7
209	Search for rare quark-annihilation decays, $B \rightarrow D_s^{(*)} \pi$. <i>Physical Review D</i> , 2006 , 73,	4.9	7
208	Search for the decay of a B^0 or B^0 meson to $K_S^0 K^0 K^0$ or $K^* K^0 K^0$. <i>Physical Review D</i> , 2006 , 74,	4.9	7
207	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
206	Measurement of time-dependent CP asymmetries in $B^0 \rightarrow D^{(*)+} D^{-}$ decays. <i>Physical Review Letters</i> , 2005 , 95, 131802	7.4	7
205	Search for CP violation in $(\{\{\{\varXi\}^+_{c}\} \rightarrow \{p\} \{K^-\} \{\pi^+\} \})$ decays using model-independent techniques. <i>European Physical Journal C</i> , 2020 , 80, 1	4.2	7
204	Observation of a new baryon state in the $(\{\Lambda_{\text{b}}^0 \{\pi^+\} \{\pi^-\} \})$ mass spectrum. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	7
203	Measurement of $f_{\text{s}}/f_{\text{u}}$ Variation with Proton-Proton Collision Energy and B-Meson Kinematics. <i>Physical Review Letters</i> , 2020 , 124, 122002	7.4	7
202	First Observation of the Decay $B_{\text{s}}^0 \rightarrow K^+ \pi^0 \pi^0$ and a Measurement of $ V_{\text{ub}} / V_{\text{cb}} $. <i>Physical Review Letters</i> , 2021 , 126, 081804	7.4	7
201	Search for a dimuon resonance in the η' mass region. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	7
200	Search for CP violation using triple product asymmetries in $B \rightarrow p K_S^0 \pi^0$ and $B \rightarrow p K_S^0 K^0$ decays. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	7
199	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
198	Measurement of the B_{d} production asymmetry and the CP asymmetry in $B_{\text{d}} \rightarrow J/\psi K_{\text{d}}$ decays. <i>Physical Review D</i> , 2017 , 95,	4.9	6
197	Measurement of $ V_{\text{cb}} $ with $B_{\text{s}}^0 \rightarrow D_s^{(*)} \pi^0$ decays. <i>Physical Review D</i> , 2020 , 101,	4.9	6
196	First measurement of the CP-violating phase $(\{\phi_{\text{s}}^{\text{d}}\})$ in $B_{\text{s}}^0 \rightarrow (K^+ \pi^0 K^0)$ decays. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	6
195	Measurement of the mass and lifetime of the Λ_{b} baryon. <i>Physical Review D</i> , 2016 , 93,	4.9	6

194	Constraints on the unitarity triangle angle Γ from Dalitz plot analysis of $B_0 \rightarrow DK + \bar{D}$ decays. <i>Physical Review D</i> , 2016 , 93,	4.9	6
193	Measurements of CP asymmetries in charmless four-body ($\{\varLambda\}^0_{\{b\}}$ and $\{\Xi\}^0_{\{b\}}$) decays. <i>European Physical Journal C</i> , 2019 , 79, 1	4.2	6
192	Measurement of CP observables in $B_0 \rightarrow DK^*0$ with $D \rightarrow K + K$ <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	6
191	Searches for $(B_{\{s\}}^0 \rightarrow \{J \text{ left/ } \{\psi \text{ p}\} \text{ right.}\overline{\{p\}}) \text{ and } B^+ \rightarrow J/\psi (\overline{\{p\}}) \bar{D}$ decays. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	6
190	Measurement of CP asymmetries in $D^{\pm} \rightarrow \bar{D}^{\pm}$ and $Ds^{\pm} \rightarrow \bar{D}^{\pm}$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017 , 771, 21-30	4.2	6
189	Observation of the decay $B_s^0 \rightarrow \tau^+ \tau^-$ and evidence for $B_s^0 \rightarrow \tau^+ \tau^- \mu^+ \mu^-$ <i>Journal of High Energy Physics</i> , 2017 , 2017,	5.4	6
188	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
187	Measurement of CP asymmetries and polarisation fractions in $(\{B\}_s^0 \rightarrow \{K\}^{\ast 0} \overline{\{K\}}^{\ast 0})$ decays. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	6
186	Search for the $\bar{D}^0_b \rightarrow \bar{D}^0$ and $\bar{D}^0_b \rightarrow \bar{D}^0$ decays with the LHCb detector. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	6
185	Method for an unbinned measurement of the q^2 dependent decay amplitudes of $(\overline{\{B\}}^0 \rightarrow \{K\}^{\ast 0} \{\mu\}^+ \{\mu\}^-)$ decays. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	6
184	Observation of $\$B_{\{s\}}^0 \to \{\{K\}^{\ast \pm} \pi^{\mp}\} \{\{K\}^{\ast \mp} \pi^{\pm}\}\$ and evidence for \$B_{\{s\}}^0 \to \{\{K\}^{\ast \pm} \pi^{\mp}\} \{\pi^{\pm}\}\$ decays. New Journal of Physics, 2014, 16, 123001$	2.9	6
183	Search for the decay $B_s^0 \rightarrow D^* \tau^+ \tau^-$. <i>Physical Review D</i> , 2013 , 87,	4.9	6
182	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
181	Search for the radiative decay $B_0 \rightarrow \gamma \pi^0$ <i>Physical Review D</i> , 2005 , 72,	4.9	6
180	Measurement of the $B \rightarrow D^0 K^* \bar{D}$ branching fraction. <i>Physical Review D</i> , 2006 , 73,	4.9	6
179	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
178	A precise measurement of the [Formula: see text] meson oscillation frequency. <i>European Physical Journal C</i> , 2016 , 76, 412	4.2	6
177	Measurement of the CKM angle Γ using $B_0 \rightarrow DK^*0$ with $D \rightarrow K S^0 \bar{D}$ decays. <i>Journal of High Energy Physics</i> , 2016 , 2016,	5.4	6

176	Measurement of CP Violation in $B^0 \rightarrow D^{*+} D^{-}$ Decays. <i>Physical Review Letters</i> , 2016 , 117, 261801	7.4	6
175	Model-independent measurement of the CKM angle α using $B^0 \rightarrow DK^*0$ decays with $D \rightarrow K^0 S^{\pm} \pi^{\mp}$ and $K^0 S^{\pm} K^{\pm} \pi^{\mp}$. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	6
174	Observation of the decay $B_s^0 \rightarrow D^0 K^+ K^-$. <i>Physical Review D</i> , 2018 , 98,	4.9	6
173	Measurement of χ production in pp collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	6
172	First observation of $B^+ \rightarrow D^+ s^+ K^+ K^-$ decays and a search for $B^+ \rightarrow D^+ s^+ \chi$ decays. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	6
171	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
170	Observation of charmless baryonic decays $B(s)^0 \rightarrow pp^{\pm} h^{\mp}$. <i>Physical Review D</i> , 2017 , 96,	4.9	5
169	Observation of the ($\Lambda_{\text{b}}^0 \rightarrow \chi_{\text{c}1}$) (3872) pK decay. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	5
168	Searching new physics in rare B-meson decays into multiple muons. <i>European Physical Journal C</i> , 2019 , 79, 1	4.2	5
167	Observation of $B_{\text{s}}^0 \rightarrow D^0 K_{\text{S}}^0$ and Evidence for $B_{\text{s}}^0 \rightarrow D^0 K_{\text{S}}^{*0}$ Decays. <i>Physical Review Letters</i> , 2016 , 116, 161802	7.4	5
166	Amplitude analysis of $B^0 \rightarrow K^0 S^{\pm} K^{\mp}$ decays. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	5
165	Observation of the $B^0 \rightarrow J/\psi K^0 K^{\pm} \pi^{\mp}$ decay. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	5
164	Observation of the decay $B^0 \rightarrow p K^+ \pi^-$ and a search for CP violation. <i>Journal of High Energy Physics</i> , 2017 , 2017,	5.4	5
163	Study of ($\overline{\text{b}} \text{b}$) correlations in high energy proton-proton collisions. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	5
162	Determination of the branching fractions of $B^0 \rightarrow D^+ S^- K^+$ and $B^0 \rightarrow D^0 K^+ K^-$. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	5
161	Distributed analysis using GANGA on the EGEE/LCG infrastructure. <i>Journal of Physics: Conference Series</i> , 2008 , 119, 072014	0.3	5
160	Search for the rare decays $B^+ \rightarrow D^{*+} K_S^0$. <i>Physical Review D</i> , 2005 , 72,	4.9	5
159	Measurements of B meson decays to K^* and π . <i>Physical Review D</i> , 2005 , 71,	4.9	5

158	Search for the rare decays $B_0 \rightarrow D_s^{(*)} + a_0(2) \pi$ <i>Physical Review D</i> , 2006 , 73,	4.9	5
157	Search for the rare leptonic decay $B_{u,s} \rightarrow \mu^+ \nu(\mu)$. <i>Physical Review Letters</i> , 2004 , 92, 221803	7.4	5
156	Search for $B_{u,s} \rightarrow [K^{(-/+)} \pi^{(+/-)}] (D) K^{+/-}$ and upper limit on the $b \rightarrow u$ amplitude in $B_{u,s} \rightarrow DK^{+/-}$. <i>Physical Review Letters</i> , 2004 , 93, 131804	7.4	5
155	Branching Fraction Measurements of the Rare $B_{u,s} \rightarrow \eta^{(\prime)} \eta^{(\prime)}$ and $B_{u,s} \rightarrow f_2^{(\prime)} \eta^{(\prime)}$ Decays. <i>Physical Review Letters</i> , 2021 , 127, 151801	7.4	5
154	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
153	Measurement of the ratio of branching fractions $\left(\frac{\text{Br}(B_c \rightarrow J/\psi K^+)}{\text{Br}(B_c \rightarrow J/\psi K^0)} \right) / \left(\frac{\text{Br}(B_c \rightarrow J/\psi K^+)}{\text{Br}(B_c \rightarrow J/\psi K^0)} \right)$. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	5
152	A search for $(\Xi_{cc}^{++}) \rightarrow D^+ p K^0$ decays. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	5
151	Observation of $B_{s,0} \rightarrow D^{*0} \pi^0$ and search for $B_0 \rightarrow D^0 \pi^0$ decays. <i>Physical Review D</i> , 2018 , 98,	4.9	5
150	Observation of the decay $\Omega_b^- \rightarrow (\Omega S) p \pi$ <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	5
149	Search for weakly decaying b-flavored pentaquarks. <i>Physical Review D</i> , 2018 , 97,	4.9	5
148	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
147	Observation of $[B_c \rightarrow D_s^{*0} \pi^0]$ and $[B_c \rightarrow D_s^{*0} \pi^+ \pi^-]$ decays. <i>European Physical Journal C</i> , 2017 , 77, 72	4.2	4
146	Observation of $B_{u,s} \rightarrow J/\psi p$ Decays and Precision Measurements of the $B_{u,s}$ Masses. <i>Physical Review Letters</i> , 2019 , 122, 191804	7.4	4
145	Search for the Rare Decays $B_{u,s} \rightarrow e^+ e^-$ and $B^0 \rightarrow e^+ e^-$. <i>Physical Review Letters</i> , 2020 , 124, 211802	7.4	4
144	Measurement of χ_{cc}^{++} production in pp collisions at $\sqrt{s}=13$ TeV. <i>Chinese Physics C</i> , 2020 , 44, 022001	2.2	4
143	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
142	Measurement of CP asymmetry in $B_0 \rightarrow D^+ K^-$ decays. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	4
141	Search for B_c^+ decays to two charm mesons. <i>Nuclear Physics B</i> , 2018 , 930, 563-582	2.8	4

140	Dalitz plot analysis of the $D^+ \rightarrow K\bar{K}^+K^+$ decay. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5-4	4
139	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
138	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
137	Evidence for the two-body charmless baryonic decay ($\{B\}^+ \rightarrow p \overline{\Lambda}$). <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5-4	4
136	First Observation of the Rare Purely Baryonic Decay $B^0 \rightarrow pp[\overline{\Lambda}]$. <i>Physical Review Letters</i> , 2017 , 119, 232001	7-4	4
135	Measurement of CP observables in $B_{\mu} \rightarrow DK^*\mu$ decays using two- and four-body D final states. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5-4	4
134	Updated branching fraction measurements of $B(s) \rightarrow K S^0 h^+ h^-$ decays. <i>Journal of High Energy Physics</i> , 2017 , 2017,	5-4	4
133	Study of $B_{\mu} \rightarrow DK^*\mu$ and $B_{\mu} \rightarrow D^*\mu$ decays and determination of the CKM angle α <i>Physical Review D</i> , 2015 , 92,	4-9	4
132	First observation and measurement of the branching fraction for the decay $B^0 \rightarrow D^* s^+ K^{\mu}$. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5-4	4
131	Observation of $B^+ \rightarrow \pi^+ \pi^0 K^+$ and evidence for $B^0 \rightarrow \pi^+ \pi^0 K^0$ below $\eta(c)$ threshold. <i>Physical Review Letters</i> , 2006 , 97, 261803	7-4	4
130	Search for the decay $B \rightarrow 3\pi$ <i>Physical Review D</i> , 2006 , 73,	4-9	4
129	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
128	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
127	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
126	Search for CP violation and observation of P violation in $B^0 \rightarrow \rho^0 \pi^0$ decays. <i>Physical Review D</i> , 2020 , 102,	4-9	4
125	Observation of Multiplicity Dependent Prompt $\{c\}$ (3872) and $\{B\}$ Production in pp Collisions. <i>Physical Review Letters</i> , 2021 , 126, 092001	7-4	4
124	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
123	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

122	Observation of a new B_0 state. <i>Physical Review D</i> , 2021 , 103,	4.9	4
121	Measurement of the time-integrated CP asymmetry in $D_0 \rightarrow K_0^0 S K_0^0 S$ decays. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	4
120	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
119	Measurement of D_{μ}^{\pm} 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
118	First branching fraction measurement of the suppressed decay $B_0 \rightarrow \bar{B}^+$. <i>Physical Review D</i> , 2020 , 102,	4.9	3
117	First observation of the rare $B^+ \rightarrow D^+ K^+ \bar{B}$ decay. <i>Physical Review D</i> , 2016 , 93,	4.9	3
116	Measurement of the $B_{s0} \rightarrow D_s^* + D_s^*$ branching fractions. <i>Physical Review D</i> , 2016 , 93,	4.9	3
115	First observation of the decay $B_0 \rightarrow K_0^0 S K^* (892)^0$ at LHCb. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	3
114	Measurement of the branching fractions of the decays $D^+ \rightarrow K \bar{K} + K^+$, $D^+ \rightarrow \bar{K} K^+$ and $D^+ \rightarrow \bar{K} + K^+$. <i>Journal of High Energy Physics</i> , 2019 , 2019,	5.4	3
113	Amplitude analysis of the ($B_{\mu}^0 \rightarrow K^* \bar{K}^0 \overline{K}^* \bar{K}^0$) decays and measurement of the branching fraction of the ($B^0 \rightarrow K^* \bar{K}^0 \overline{K}^* \bar{K}^0$) decay. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	3
112	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
111	Distributed analysis in ATLAS using GANGA. <i>Journal of Physics: Conference Series</i> , 2010 , 219, 072002	0.3	3
110	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
109	Measurement of the branching fraction and decay rate asymmetry of $B \rightarrow D \bar{K} K$. <i>Physical Review D</i> , 2005 , 72,	4.9	3
108	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
107	Search for B meson decays to $\bar{K} K$. <i>Physical Review D</i> , 2006 , 74,	4.9	3
106	Measurement of the branching fraction for $B \rightarrow D_0 K^* \bar{K}$. <i>Physical Review D</i> , 2004 , 69,	4.9	3
105	Measurements of branching fractions and Dalitz distributions for $B_0 \rightarrow D^* \bar{K} \pi^+$ decays. <i>Physical Review Letters</i> , 2005 , 95, 171802	7.4	3

104	Observation of a New Excited D_{s}^{+} Meson in $B^{0} \rightarrow D^{-} D^{+} K^{+} \bar{\nu}_{\tau}$ Decays. <i>Physical Review Letters</i> , 2021 , 126, 122002	7.4	3
103	Search for heavy neutral leptons in $(W^{+} \rightarrow \mu^{+} \mu^{-} \text{jet})$ decays. <i>European Physical Journal C</i> , 2021 , 81, 1	4.2	3
102	Measurement of the electron reconstruction efficiency at LHCb. <i>Journal of Instrumentation</i> , 2019 , 14, P11023-P11023	1	3
101	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
100	Search for long-lived particles decaying to $(e^{-} \mu^{+})$ $(\mu^{-} \mu^{+})$ (ν) . <i>European Physical Journal C</i> , 2021 , 81, 1	4.2	3
99	Search for lepton-flavour-violating decays of Higgs-like bosons. <i>European Physical Journal C</i> , 2018 , 78, 1008	4.2	3
98	Search for the doubly heavy baryons Ξ_{cc} and Ξ_{bb} decaying to Λ_{c} and Λ_{b} *. <i>Chinese Physics C</i> , 2021 , 45, 093002	2.2	3
97	Observation of an exotic narrow doubly charmed tetraquark. <i>Nature Physics</i> ,	16.2	3
96	Measurement of the relative $B_{\tau} D^0/D^{*0}/D^{*0}$ branching fractions using B_{τ} mesons from $B_{\tau} \rightarrow D^0$ decays. <i>Physical Review D</i> , 2019 , 99,	4.9	2
95	Measurement of the CP-violating phase γ from $B_s^0 \rightarrow J/\psi$ 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
94	Search for CP Violation in $D_{s}^{+} \rightarrow K_{S}^{0} \bar{\nu}_{\tau}$, $D^{+} \rightarrow K_{S}^{0} K^{+}$, and $D^{+} \rightarrow \bar{\nu}_{\tau}$ Decays. <i>Physical Review Letters</i> , 2019 , 122, 191803	7.4	2
93	Observation of the doubly Cabibbo-suppressed decay $\bar{B}^0 \rightarrow p \bar{\nu}$. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	2
92	Search for CP violation through an amplitude analysis of $D^0 \rightarrow K^{+} K^{-} \pi^{0}$ decays. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	2
91	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
90	Measurement of CP observables in $B_{\tau} \rightarrow DK_{\tau}$ and $B_{\tau} \rightarrow D_{\tau}$ with $D \rightarrow (K_{S}^{0} K^{\pm} \pi^{\mp})$ decays. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	2
89	Measurement of the ratio of branching fractions and difference in CP asymmetries of the decays $B^{+} \rightarrow J/\psi$ and $B^{+} \rightarrow J/\psi$. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	2
88	Study of the $B^0 \rightarrow \psi(770) \bar{K}^{*}(892)^0$ decay with an amplitude analysis of $B^0 \rightarrow \psi(K^{+} \pi^{-})$ decays. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	2
87	Observation of the $B^{+} \rightarrow D^{*} \bar{K}^{*}$ decay. <i>Physical Review D</i> , 2017 , 96,	4.9	2

86	Measurement of CP violation in $B^0 \rightarrow J/\psi S^0$ and $B^0 \rightarrow (\psi S)^0$ decays. <i>Journal of High Energy Physics</i> , 2017 , 2017,	5.4	2
85	Publisher's Note: Evidence for CP Violation in Time-Integrated $D^0 \rightarrow h^+ h^-$ decay rates [Phys. Rev. Lett. 108, 111602 (2012)]. <i>Physical Review Letters</i> , 2012 , 108,	7.4	2
84	User analysis of LHCb data with Ganga. <i>Journal of Physics: Conference Series</i> , 2010 , 219, 072008	0.3	2
83	Publisher's Note: Erratum: Measurement of Branching Fractions and Mass Spectra of $B \rightarrow K$ [Phys. Rev. Lett. 98, 211804 (2007)] [Phys. Rev. Lett. 100, 189903 (2008)]. <i>Physical Review Letters</i> , 2008 , 100,	7.4	2
82	Measurements of neutral B decay branching fractions to KS^0 final states. <i>Physical Review D</i> , 2004 , 70,	4.9	2
81	Measurement of $\sin 2\beta$ with hadronic and previously unused muonic J/ψ decays. <i>Physical Review D</i> , 2004 , 69,	4.9	2
80	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
79	Analysis of Neutral B-Meson Decays into Two Muons.. <i>Physical Review Letters</i> , 2022 , 128, 041801	7.4	2
78	Observation of double charm production involving open charm in pp collisions at ($\sqrt{s} = 7$);{text{TeV}}) 2012 , 2012, 1		2
77	Search for the doubly heavy (χ_{bc}^0) baryon via decays to $D^0 p K$ <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	2
76	Isospin Amplitudes in $B^0 \rightarrow J/\psi D^0$ and $B^0 \rightarrow J/\psi D^+$ Decays. <i>Physical Review Letters</i> , 2020 , 124, 111802	7.4	2
75	Observation of the ($B_s^0 \rightarrow D^{*0} D^0$) decay. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	2
74	Measurement of CP observables in $B^0 \rightarrow D^{*0} K^0$ and $B^0 \rightarrow D^{*0} \pi^0$ decays using two-body D final states. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	2
73	Measurement of the branching fraction of the ($B^0 \rightarrow D^+ S^- \pi^-$) decay. <i>European Physical Journal C</i> , 2021 , 81, 1	4.2	2
72	Measurement of CP-Violating and Mixing-Induced Observables in $B_s^0 \rightarrow \pi^0$ Decays. <i>Physical Review Letters</i> , 2019 , 123, 081802	7.4	2
71	Study of ($B_{\psi(2S)}^0 \rightarrow J/\psi + K^0$) decays. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	2
70	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
69	Measurement of CP violation in $B^0 \rightarrow D^0 \pi^0$ decays. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	2

68	Observation of new excited $B^0_{(s)}$ states. <i>European Physical Journal C</i> , 2021 , 81,	4.2	2
67	Search for CP violation in $B \rightarrow pK$ decays. <i>Physical Review D</i> , 2021 , 104,	4.9	2
66	Test of lepton universality in beauty-quark decays. <i>Nature Physics</i> , 2022 , 18, 277-282	16.2	2
65	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
64	Constraints on the $K_{S^0} \rightarrow \pi^+ \pi^-$ Branching Fraction. <i>Physical Review Letters</i> , 2020 , 125, 231801	7.4	1
63	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
62	First observation of the decay $B^0 \rightarrow D^0 D^+ K^+ 0$. <i>Physical Review D</i> , 2020 , 102,	4.9	1
61	First observation of forward $Z \rightarrow b\bar{b}$ production in pp collisions at $\sqrt{s} = 8 \text{ TeV}$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018 , 776, 430-439	4.2	1
60	Measurement of the ratio of branching fractions of the decays $D^0 b \rightarrow (\rho S)$ and $D^0 b \rightarrow J/\psi$. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	1
59	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
58	Search for the $B^0_s \rightarrow \tau$ decay. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	1
57	Search for Baryon-Number Violating Δb^0 Oscillations. <i>Physical Review Letters</i> , 2017 , 119, 181807	7.4	1
56	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
55	BESIII and SuperB: distributed job management with Ganga. <i>Journal of Physics: Conference Series</i> , 2012 , 396, 032120	0.3	1
54	Search for the rare decay $B^0 \rightarrow D^* 0$. <i>Physical Review D</i> , 2005 , 72,	4.9	1
53	Measurement of the average multiplicity in B meson decay. <i>Physical Review D</i> , 2004 , 69,	4.9	1
52	Measurement of the $B_s^0 \rightarrow \mu\mu$ decay properties and search for the $B^0 \rightarrow \mu\mu$ and $B_s^0 \rightarrow \mu\mu$ decays. <i>Physical Review D</i> , 2022 , 105,	4.9	1
51	Measurement of the relative branching fractions of $B^+ \rightarrow h^+ h^+ h^0$ decays. <i>Physical Review D</i> , 2020 , 102,	4.9	1

50	Observation of the semileptonic decay $B^+ \rightarrow \overline{p} \mu^+ \nu_{\mu}$. <i>Journal of High Energy Physics</i> , 2020 , 2020,	5.4	1
49	Angular analysis of the rare decay $(B_s^0) \rightarrow \mu^+ \mu^-$. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	1
48	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
47	Measurement of the shape of the $(B_s^0 \rightarrow D_s^{\ast -} \mu^+ \nu_{\mu})$ differential decay rate. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	1
46	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
45	Precision measurement of the (B_c^+) meson mass. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	1
44	Measurement of CP Violation in the Decay $B^+ \rightarrow K^+ \pi^0$. <i>Physical Review Letters</i> , 2021 , 126, 091802	7.4	1
43	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
42	Search for the rare decay $B^0 \rightarrow J/\psi^* \pi^0$. <i>Chinese Physics C</i> , 2021 , 45, 043001	2.2	1
41	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
40	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
39	Measurement of the CP asymmetry in $B \rightarrow D$ & D^0 and $B \rightarrow DD^0$ decays. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	1
38	Search for the radiative $\Xi_b^{\ast -} \rightarrow \mu^- \gamma$ decay. <i>Journal of High Energy Physics</i> , 2022 , 2022, 1	5.4	0
37	Precise determination of the B_{osc}^0 oscillation frequency. <i>Nature Physics</i> , 2022 , 18, 1-5	16.2	0
36	Measurement of the W boson mass. <i>Journal of High Energy Physics</i> , 2022 , 2022, 1	5.4	0
35	Measurement of $\Upsilon(3872)$ 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
34	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
33	Measurement of CP violation in $B^0 \rightarrow D^{\ast 0} \pi^0$ decays. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	0

32	First measurement of the (C)P-violating phase in $(\{B\}^0_{\{s\}} \rightarrow \{J/\psi\} \{0\})$ (\rightarrow) (e^+e^-)(ϕ) decays. <i>European Physical Journal C</i> , 2021 , 81, 1	4.2	○
31	Observation of a $(\{\text{varLambda}\}_b^0) \overline{(\{\text{varLambda}\}_b^0)}$ 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	○
30	Measurement of the CKM angle $\Delta\text{and } (\{B\}_s^0 \rightarrow \overline{\{B\}}_s^0)$ mixing frequency with $(\{B\}_s^0 \rightarrow \{D\}_s^{\pm} \{h\}^{\pm} \{p\} \{p\} \{p\} \{p\})$ decays. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	○
29	Observation of the $B^0 \rightarrow \overline{B}^0 K^+ K^-$ decay. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2021 , 815, 136172	4.2	○
28	Observation of the decay $(\{\text{Lambda}\}_{\text{charm}}^0) \rightarrow \overline{B}^0 p \overline{K}^0$ <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	○
27	Searches for 25 rare and forbidden decays of D^+ and $(\{D\}_s^{\pm})$ mesons. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	○
26	Measurement of CP violation in the $(\{B\}_s^0 \rightarrow \phi \phi)$ decay and search for the $B^0 \rightarrow \pi\pi$ decay. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	○
25	Measurement of the CKM angle $\Delta\text{in } B^0 \rightarrow DK^0$ and $B^0 \rightarrow D^0$ decays with $D \rightarrow (\{K\}_{\text{charm}}^0) h^{\pm} \overline{K}^0$ <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	○
24	Observation of the decay $(\overline{\{B\}}_s^0 \rightarrow \chi_{c2}^+ \{K\}^+ \{K\}^-)$ in the χ mass region. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	○
23	Search for the doubly charmed baryon Ξ_{cc} . <i>Science China: Physics, Mechanics and Astronomy</i> , 2021 , 64, 1	3.6	○
22	Observation of the Mass Difference between Neutral Charm-Meson Eigenstates. <i>Physical Review Letters</i> , 2021 , 127, 111801	7.4	○
21	Identification of charm jets at LHCb. <i>Journal of Instrumentation</i> , 2022 , 17, P02028	1	○
20	Study of Z Bosons Produced in Association with Charm in the Forward Region.. <i>Physical Review Letters</i> , 2022 , 128, 082001	7.4	○
19	Searches for rare $\{B\}_s^0$ and B^0 decays into four muons. <i>Journal of High Energy Physics</i> , 2022 , 2022, 1	5.4	○
18	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	○
17	Simultaneous determination of CKM angle $\Delta\text{and charm mixing parameters}$. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	○
16	Search for the doubly charmed baryon Ξ_{cc}^+ in the $\Xi_{cc}^+ \{p\} \{p\} \{p\} \{p\}$ final state. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	○
15	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	○

14	Observation of Two New Excited B_c States Decaying to $B_c K^*$.. <i>Physical Review Letters</i> , 2022 , 128, 162001	7.4	○
13	Search for the decay $B_0 \rightarrow \mu^+ \mu^-$ <i>Journal of High Energy Physics</i> , 2022 , 2022, 1	5.4	○
12	Centrality determination in heavy-ion collisions with the LHCb detector. <i>Journal of Instrumentation</i> , 2022 , 17, P05009	1	○
11	Distributed analysis at LHCb. <i>Journal of Physics: Conference Series</i> , 2011 , 331, 072037	0.3	
10	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	
9	Key developments of the Ganga task-management framework. <i>Journal of Physics: Conference Series</i> , 2012 , 396, 032061	0.3	
8	The decay. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2010 , 209, 143-148		
7	Rare Decays in LHCb. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2010 , 209, 15-20		
6	Study of B_c decays to charmonia and three light hadrons. <i>Journal of High Energy Physics</i> , 2022 , 2022, 1	5.4	
5	Rare B_c -hadron decays 2020 , 21, 93-106		
4	B, D and K decays. <i>Advances in the Physics of Particles and Nuclei</i> , 2009 , 297-480		
3	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	
2	Observation of $\Lambda_b^0 \rightarrow D^+ p$ and $\Lambda_b^0 \rightarrow D^{*+} p$ decays. <i>Journal of High Energy Physics</i> , 2022 , 2022, 1	5.4	
1	Updated search for B_c^+ decays to two charm mesons. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	