

Giovanni Passaleva

List of Publications by Year in Descending Order

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

877
papers

27,173
citations

70
h-index

128
g-index

898
ext. papers

31,642
ext. citations

5
avg, IF

6.29
L-index

#	Paper	IF	Citations
877	Angular analysis of the rare decay ($B_s^0 \rightarrow \rho^0 \pi^0$) <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	1
876	First measurement of the (C)P-violating phase in ($B^0 \rightarrow J/\psi \pi^0$) (\rightarrow) (e^+e^-)(ϕ) decays. <i>European Physical Journal C</i> , 2021 , 81, 1	4.2	0
875	Branching Fraction Measurements of the Rare $B_{s^0} \rightarrow \pi^+ \pi^-$ and $B_{s^0} \rightarrow \rho^+ \rho^- (1525) \pi^+ \pi^-$ Decays. <i>Physical Review Letters</i> , 2021 , 127, 151801	7.4	5
874	Observation of a (Λ_b^0) ($\overline{\Lambda}_b^0$) production asymmetry in proton-proton collisions at (\sqrt{s}) = 7 and 8 TeV. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	0
873	Observation of a New Excited D_{s^+} Meson in $B^0 \rightarrow D^+ K^+ \pi^-$ Decays. <i>Physical Review Letters</i> , 2021 , 126, 122002	7.4	3
872	Observation of Multiplicity Dependent Prompt $c(3872)$ and χ_{c0} Production in pp Collisions. <i>Physical Review Letters</i> , 2021 , 126, 092001	7.4	4
871	Measurement of the CKM angle Δ and ($B_s^0 \rightarrow \overline{B}_s^0$) mixing frequency with ($B_s^0 \rightarrow D_{s^+}^{\mp} h^{\pm} p^{\mp} \pi^{\pm}$) decays. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	0
870	Observation of the ($B_s^0 \rightarrow D^* D^0$) decay. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	2
869	Search for heavy neutral leptons in ($W^+ \rightarrow \mu^+ \mu^{\pm p}$, text {jet}) decays. <i>European Physical Journal C</i> , 2021 , 81, 1	4.2	3
868	Measurement of CP Violation in the Decay $B^+ \rightarrow K^+ \pi^0$. <i>Physical Review Letters</i> , 2021 , 126, 091802	7.4	1
867	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
866	Measurement of CP observables in $B \rightarrow D^{(*)} K$ and $B \rightarrow D^{(*)} \pi$ decays using two-body D final states. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	2
865	Search for the rare decay $B^0 \rightarrow e^+ \mu^-$. <i>Chinese Physics C</i> , 2021 , 45, 043001	2.2	1
864	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
863	Angular Analysis of the $B^+ \rightarrow K^{*+} \pi^+ \pi^-$ Decay. <i>Physical Review Letters</i> , 2021 , 126, 161802	7.4	14
862	Observation of the $B^0 \rightarrow K^+ K^-$ decay. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2021 , 815, 136172	4.2	0
861	Observation of the decay ($\Lambda_{\text{b}}^0 \rightarrow p \pi$) <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	0

860	Angular analysis of $(\{B\}^0 \text{ to } \{D\}^{\text{ast-}} \{D\}_s^{\text{ast+}})$ with $(\{D\}_s^{\text{ast+}} \text{ to } \{D\}_s^{\text{+}} \gamma)$ decays. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	
859	Search for CP violation in $(\{D\}_{(s)}^{\text{+}} \text{ to } \{h\}^{\text{+}} \{p\}^0)$ and $(\{D\}_{(s)}^{\text{+}} \text{ to } \{h\}^{\text{+}} \eta)$ decays. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	1
858	Evidence of a J/ψ structure and observation of excited ψ states in the $B \rightarrow \psi K$ decay. <i>Science Bulletin</i> , 2021 , 66, 1278-1287	10.6	19
857	Observation of a new B_0 state. <i>Physical Review D</i> , 2021 , 103,	4.9	4
856	Study of $(\{\text{B}\}_{\{\text{s}\}}^0) \rightarrow \psi K^+ K^0$ decays. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	2
855	First Observation of the Decay $B_{(s)}^0 \rightarrow K^+ \pi^0 \pi^0$ and a Measurement of $ V_{ub} / V_{cb} $. <i>Physical Review Letters</i> , 2021 , 126, 081804	7.4	7
854	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
853	Measurement of the CKM angle ϕ_n in $B_{(s)}^0 \rightarrow \psi K^+ K^0$ and $B_{(s)}^0 \rightarrow \psi K^+ K^0$ decays with $D \rightarrow \{K\}_{\{\text{S}\}}^0$ $h + h$. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	0
852	Search for long-lived particles decaying to $(e^+ \mu^-)$ $(\mu^+ \mu^-)$ (ν) . <i>European Physical Journal C</i> , 2021 , 81, 1	4.2	3
851	Observation of new excited $\{B\}^0_{(s)}$ states. <i>European Physical Journal C</i> , 2021 , 81,	4.2	2
850	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
849	Observation of New Resonances Decaying to $J/\psi K^+$ and J/ψ . <i>Physical Review Letters</i> , 2021 , 127, 082001	7.4	11
848	Search for the doubly charmed baryon ψ_{cc} . <i>Science China: Physics, Mechanics and Astronomy</i> , 2021 , 64, 1	3.6	0
847	Search for CP violation in $B_{(s)}^0 \rightarrow \psi K^+ K^0$ decays. <i>Physical Review D</i> , 2021 , 104,	4.9	2
846	Search for the doubly heavy baryons ψ_{cc} and ψ_{bb} decaying to $\psi K^+ K^0$ and $\psi K^+ K^0$. <i>Chinese Physics C</i> , 2021 , 45, 093002	2.2	3
845	Observation of the Mass Difference between Neutral Charm-Meson Eigenstates. <i>Physical Review Letters</i> , 2021 , 127, 111801	7.4	0
844	Fabrication and First Full Characterisation of Timing Properties of 3D Diamond Detectors. <i>Instruments</i> , 2021 , 5, 39	1.2	0
843	Fabrication and Characterisation of 3D Diamond Pixel Detectors With Timing Capabilities. <i>Frontiers in Physics</i> , 2020 , 8,	3.9	2

842	Study of the lineshape of the $\Xi(3872)$ state. <i>Physical Review D</i> , 2020 , 102,	4.9	18
841	Amplitude analysis of the $B^+ \rightarrow D^+ D^+ K^+$ decay. <i>Physical Review D</i> , 2020 , 102,	4.9	34
840	Constraints on the $K_{S^0} \rightarrow \pi^+ \pi^-$ Branching Fraction. <i>Physical Review Letters</i> , 2020 , 125, 231801	7.4	1
839	Model-Independent Study of Structure in $B^+ \rightarrow D^+ D^+ K^+$ Decays. <i>Physical Review Letters</i> , 2020 , 125, 242001	7.4	25
838	Search for the Rare Decays $B_{s^0} \rightarrow e^+ e^-$ and $B^0 \rightarrow e^+ e^-$. <i>Physical Review Letters</i> , 2020 , 124, 211802	7.4	4
837	Measurement of the branching fraction of the decay $B_{s^0} \rightarrow K^+ K^0$. <i>Physical Review D</i> , 2020 , 102,	4.9	1
836	First observation of the decay $B^0 \rightarrow D^+ K^0$. <i>Physical Review D</i> , 2020 , 102,	4.9	1
835	First branching fraction measurement of the suppressed decay $B^0 \rightarrow \pi^+$. <i>Physical Review D</i> , 2020 , 102,	4.9	3
834	Test of lepton universality with $(\Lambda_b^0 \rightarrow p K^+ \ell^+ \ell^-)$ decays. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	12
833	Observation of New Ξ^0 Baryons Decaying to $\Xi^+ K^-$. <i>Physical Review Letters</i> , 2020 , 124, 222001	7.4	10
832	First Observation of Excited Ξ^0 States. <i>Physical Review Letters</i> , 2020 , 124, 082002	7.4	18
831	Measurement of the (Λ_b^0) angular distribution and the (Λ_b^0) polarisation in pp collisions. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	2
830	Measurement of CP-Averaged Observables in the $B^0 \rightarrow K^* \pi^0$ Decay. <i>Physical Review Letters</i> , 2020 , 125, 011802	7.4	46
829	Measurement of CP observables in $B^0 \rightarrow D^+ K^-$ and $B^0 \rightarrow D^+ K^- \pi^0$ decays. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	2
828	Precision measurement of the (χ_{cc}^{++}) mass. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	11
827	Measurement of χ_{cc}^{++} production in pp collisions at $\sqrt{s}=13$ TeV. <i>Chinese Physics C</i> , 2020 , 44, 022001	2.2	4
826	Determination of quantum numbers for several excited charmed mesons observed in $B^0 \rightarrow D^+ \pi^-$ decays. <i>Physical Review D</i> , 2020 , 101,	4.9	8
825	Amplitude analysis of the $B^+ \rightarrow D^+ D^0$ decay. <i>Physical Review D</i> , 2020 , 101,	4.9	19

824	Observation of Several Sources of CP Violation in $B^+ \rightarrow B^+ \pi^+ \pi^-$ Decays. <i>Physical Review Letters</i> , 2020 , 124, 031801	7.4	18
823	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
822	Measurement of $ V_{cb} $ with $B_{s0} \rightarrow D_s^{(*)} \pi$ decays. <i>Physical Review D</i> , 2020 , 101,	4.9	6
821	Measurement of the relative branching fractions of $B^+ \rightarrow b^+ h^+ h^-$ decays. <i>Physical Review D</i> , 2020 , 102,	4.9	1
820	Measurement of the $(\eta_c(1S))$ production cross-section in (p) (p) collisions at $(\sqrt{s} = 13)$ (TeV). <i>European Physical Journal C</i> , 2020 , 80, 1	4.2	9
819	Search for CP violation in $(\chi^+ \rightarrow p \bar{K}^+ \pi^+)$ decays using model-independent techniques. <i>European Physical Journal C</i> , 2020 , 80, 1	4.2	7
818	Observation of the semileptonic decay $B^+ \rightarrow \bar{p} \mu^+ \nu_{\mu}$. <i>Journal of High Energy Physics</i> , 2020 , 2020,	5.4	1
817	Measurement of CP violation in $B^0 \rightarrow D^* D^0$ decays. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	0
816	Measurement of the shape of the $(B_s^0 \rightarrow D_s^{*-} \mu^+ \nu_{\mu})$ differential decay rate. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	1
815	Search for the lepton flavour violating decay $B^+ \rightarrow K^+ \mu^+ e^-$ using (B_{s2}^0) decays. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	8
814	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
813	Searches for low-mass dimuon resonances. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	10
812	Search for the doubly heavy (χ_{bc}^0) baryon via decays to $D^0 p K^0$. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	2
811	Strong constraints on the $b \rightarrow s \gamma$ photon polarisation from $B^0 \rightarrow K^* e^+ e^-$ decays. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	4
810	Search for the doubly charmed baryon (χ_{cc}^+) . <i>Science China: Physics, Mechanics and Astronomy</i> , 2020 , 63, 1	3.6	13
809	Observation of Enhanced Double Parton Scattering in Proton-Lead Collisions at $\sqrt{s_{NN}} = 8.16 \text{ TeV}$. <i>Physical Review Letters</i> , 2020 , 125, 212001	7.4	1
808	Observation of structure in the J/ψ pair mass spectrum. <i>Science Bulletin</i> , 2020 , 65, 1983-1993	10.6	71
807	Precision measurement of the (B_c^+) meson mass. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	1

806	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
805	Isospin Amplitudes in $B^0 \rightarrow \pi^+ \pi^-$ and $B^0 \rightarrow \pi^0 \pi^0$ Decays. <i>Physical Review Letters</i> , 2020 , 124, 111802	7.4	2
804	Measurement of f_{s}/f_{u} Variation with Proton-Proton Collision Energy and B-Meson Kinematics. <i>Physical Review Letters</i> , 2020 , 124, 122002	7.4	7
803	Study of the $\chi(3823)$ and $\chi(3872)$ states in $B^+ \rightarrow \chi J/\psi K^+$ decays. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	15
802	Search for CP violation and observation of P violation in $B^0 \rightarrow \pi^+ \pi^-$ decays. <i>Physical Review D</i> , 2020 , 102,	4.9	4
801	Search for $A^{\prime} \rightarrow \pi^+ \pi^-$ Decays. <i>Physical Review Letters</i> , 2020 , 124, 041801	7.4	60
800	Measurement of b hadron fractions in 13 TeV pp collisions. <i>Physical Review D</i> , 2019 , 100,	4.9	26
799	Measurement of the relative $B^0 \rightarrow D^* D^{*0}$ branching fractions using B^0 mesons from $B^0 \rightarrow D^* D^{*0}$ decays. <i>Physical Review D</i> , 2019 , 99,	4.9	2
798	Measurement of CP observables in the process $B^0 \rightarrow \phi K^*$ with two- and four-body D decays. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	1
797	Search for the rare decay $(\{B^+\} \rightarrow \{\mu^+\} \{\mu^-\} \{\mu^+\} \{\nu_{\mu}\})$. <i>European Physical Journal C</i> , 2019 , 79, 1	4.2	8
796	Bose-Einstein correlations and bb correlations in pp collisions with LHCb. <i>Nuclear Physics A</i> , 2019 , 982, 347-350	1.3	
795	Measurement of the CP-violating phase γ from $B_s^0 \rightarrow \pi^+ \pi^-$ 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
794	Highlights from the LHCb experiment. <i>Nuclear Physics A</i> , 2019 , 982, 15-21	1.3	
793	Direct photon production at LHCb. <i>Nuclear Physics A</i> , 2019 , 982, 251-254	1.3	4
792	Study of coherent J/ψ production in lead-lead collisions at $\sqrt{s_{NN}}=5$ TeV with the LHCb experiment. <i>Nuclear Physics A</i> , 2019 , 982, 247-250	1.3	11
791	Observation of the $(\{\Lambda_{\text{b}}^0\} \rightarrow \{\psi(3872)\} p K^0)$ decay. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	5
790	Prompt $\bar{\Lambda}^+$ baryons and D^0 meson production cross-section and nuclear modification in pPb collisions at $\sqrt{s_{NN}}=5.02$ TeV with the LHCb detector. <i>Nuclear Physics A</i> , 2019 , 982, 683-686	1.3	1
789	Measurement of the Charm-Mixing Parameter y_{CP} . <i>Physical Review Letters</i> , 2019 , 122, 011802	7.4	8

788	Search for CP Violation in $D_{s1}^+ \rightarrow K_S^0 \pi^+$, $D^+ \rightarrow K_S^0 K^+$, and $D^+ \rightarrow \pi^+ \pi^0$ Decays. <i>Physical Review Letters</i> , 2019 , 122, 191803	7.4	2
787	Observation of $B_{(s)}^0 \rightarrow \mu^+ \mu^-$ Decays and Precision Measurements of the $B_{(s)}^0$ Masses. <i>Physical Review Letters</i> , 2019 , 122, 191804	7.4	4
786	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
785	Observation of CP Violation in Charm Decays. <i>Physical Review Letters</i> , 2019 , 122, 211803	7.4	51
784	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
783	Observation of an Excited B_c^+ State. <i>Physical Review Letters</i> , 2019 , 122, 232001	7.4	18
782	Search for Lepton-Universality Violation in $B^+ \rightarrow K^+ \mu^+ \mu^-$ Decays. <i>Physical Review Letters</i> , 2019 , 122, 191801	7.4	137
781	Observation of the doubly Cabibbo-suppressed decay $\bar{B} \rightarrow c \rightarrow \mu^+$. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	2
780	Model-Independent Observation of Exotic Contributions to $B^0 \rightarrow K^+ K^- \pi^-$ Decays. <i>Physical Review Letters</i> , 2019 , 122, 152002	7.4	13
779	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
778	First Measurement of Charm Production in its Fixed-Target Configuration at the LHC. <i>Physical Review Letters</i> , 2019 , 122, 132002	7.4	17
777	Measurement of the mass and production rate of Λ_b baryons. <i>Physical Review D</i> , 2019 , 99,	4.9	9
776	Measurement of the branching fractions of the decays $D^+ \rightarrow K^+ K^+ \pi^-$, $D^+ \rightarrow K^+ K^+ \pi^0$ and $D^+ \rightarrow K^+ K^+ \pi^+$. <i>Journal of High Energy Physics</i> , 2019 , 2019,	5.4	3
775	Study of the $B^0 \rightarrow K^{*0} K^0$ decay with an amplitude analysis of $B^0 \rightarrow K^+ K^- \pi^0$ decays. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	2
774	Measurement of the ratio of branching fractions of the decays $\Lambda_b \rightarrow K^+ \Lambda^0$ and $\Lambda_b \rightarrow K^+ \Sigma^0$. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	1
773	Dalitz plot analysis of the $D^+ \rightarrow K^+ K^+ \pi^-$ decay. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	4
772	Precision measurement of the Λ_b , Σ_b^+ , and Σ_b^0 baryon lifetimes. <i>Physical Review D</i> , 2019 , 100,	4.9	14
771	Amplitude analysis of $B^0 \rightarrow K^+ K^- S^0$ decays. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	5

770	First Observation of the Radiative Decay $\Upsilon\{b\}^0 \rightarrow \gamma \text{Physical Review Letters, 2019, 123, 031801}$	7.4	7
769	Measurement of the branching fraction and (CP) asymmetry in $(\{B\}^+ \rightarrow \{J/\psi\} \{\rho\}^+)$ decays. <i>European Physical Journal C, 2019, 79, 1</i>	4.2	1
768	Measurement of the Mass Difference Between Neutral Charm-Meson Eigenstates. <i>Physical Review Letters, 2019, 122, 231802</i>	7.4	39
767	Near-threshold $(\text{D}\overline{\text{D}})$ spectroscopy and observation of a new charmonium state. <i>Journal of High Energy Physics, 2019, 2019, 1</i>	5.4	16
766	Amplitude analysis of the $(\{B\}_s^0 \rightarrow \{K\}^* \overline{\{K\}}^*)$ decays and measurement of the branching fraction of the $(\{B\}^0 \rightarrow \{K\}^* \overline{\{K\}}^*)$ decay. <i>Journal of High Energy Physics, 2019, 2019, 1</i>	5.4	3
765	Observation of New Resonances in the $\Upsilon\{b\}^0 \rightarrow \{D\}^+ \{D\}^-$ System. <i>Physical Review Letters, 2019, 123, 152001</i>	7.4	22
764	Updated measurement of time-dependent (CP)-violating observables in $(\{B\}^0_s \rightarrow J/\psi K^+ K^-)$ decays. <i>European Physical Journal C, 2019, 79, 1</i>	4.2	7
763	Measurements of CP asymmetries in charmless four-body $(\{\varLambda\}^0_b)$ and $(\{\varXi\}^0_b)$ decays. <i>European Physical Journal C, 2019, 79, 1</i>	4.2	6
762	Prompt $\bar{b}c$ production in pPb collisions at $(\sqrt{s_{\text{NN}}}=5.02)$ TeV. <i>Journal of High Energy Physics, 2019, 2019, 1</i>	5.4	10
761	Measurement of the electron reconstruction efficiency at LHCb. <i>Journal of Instrumentation, 2019, 14, P11023-P11023</i>	1	3
760	A search for $(\{\Xi\}_{\text{cc}}^{++}) \rightarrow \text{D}^+ p K^0$ decays. <i>Journal of High Energy Physics, 2019, 2019, 1</i>	5.4	5
759	Measurement of CP violation in the $(\{B\}_s^0 \rightarrow \text{phi phi})$ decay and search for the $B_0 \rightarrow e^+ e^-$ decay. <i>Journal of High Energy Physics, 2019, 2019, 1</i>	5.4	0
758	Measurement of the B_c meson production fraction and asymmetry in 7 and 13 TeV pp collisions. <i>Physical Review D, 2019, 100,</i>	4.9	4
757	Search for the Lepton-Flavor-Violating Decays $B_{\text{s}}^0 \rightarrow \mu^+ \mu^-$ and $B^0 \rightarrow \mu^+ \mu^-$. <i>Physical Review Letters, 2019, 123, 211801</i>	7.4	13
756	Long-term operation of the multi-wire-proportional-chambers of the LHCb muon system. <i>Journal of Instrumentation, 2019, 14, P11031-P11031</i>	1	2
755	Search for Lepton-Flavor Violating Decays $B^+ \rightarrow K^+ \mu^+ \mu^- e^+$. <i>Physical Review Letters, 2019, 123, 241802</i>	7.4	8
754	Measurement of CP-Violating and Mixing-Induced Observables in $B_{\text{s}}^0 \rightarrow \text{D}^0$ Decays. <i>Physical Review Letters, 2019, 123, 081802</i>	7.4	2
753	Amplitude Analysis of $B^{\pm} \rightarrow K^+ K^-$ Decays. <i>Physical Review Letters, 2019, 123, 231802</i>	7.4	14

752	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
751	Gamma beam collimation system and profile imager for ELI-NP. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2019 , 936, 41-42	1.2	4
750	Observation of Two Resonances in the χ_{b0} Systems and Precise Measurement of χ_{b1} and χ_{b2} Properties. <i>Physical Review Letters</i> , 2019 , 122, 012001	7.4	29
749	A Calorimeter for the monitoring of the ELI-NP beam. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2019 , 936, 82-85	1.2	1
748	A Compton spectrometer to monitor the ELI-NP gamma beam energy. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2019 , 936, 107-109	1.2	1
747	Nuclear resonant scattering for beam characterization procedure at ELI-NP. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2019 , 936, 59-61	1.2	1
746	Search for excited B + c states. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	13
745	Search for Dark Photons Produced in 13 TeV pp Collisions. <i>Physical Review Letters</i> , 2018 , 120, 061801	7.4	75
744	First observation of forward Z-bb production in pp collisions at $\sqrt{s}=8$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018 , 776, 430-439	4.2	1
743	Measurement of CP observables in $B_{d1} \rightarrow \bar{D}^0 K_{S1}$ and $B_{d1} \rightarrow \bar{D}^0 \pi^0$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018 , 777, 16-30	4.2	10
742	A measurement of the CP asymmetry difference between $\bar{B}^0 \rightarrow \bar{D}^0 K^+ K^-$ and $\bar{B}^0 \rightarrow \bar{D}^0 \pi^+ \pi^-$ decays. <i>Journal of High Energy Physics</i> , 2018 , 2018,	5.4	9
741	Measurement of CP asymmetry in $B^0 \rightarrow \bar{D}^0 \pi^+ \pi^-$ decays. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	4
740	Search for the lepton-flavour violating decays $B^0 \rightarrow \tau^+ \tau^- \mu^+ \mu^-$. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	15
739	First measurement of the CP-violating phase ($\phi_{s1}^{\bar{D}}$) in $B^0 \rightarrow \bar{D}^0 K^+ K^-$ decays. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	6
738	Test of lepton flavor universality by the measurement of the $B^0 \rightarrow \bar{D}^0 \mu^+ \mu^-$ branching fraction using three-prong \bar{D} decays. <i>Physical Review D</i> , 2018 , 97,	4.9	106
737	Measurement of the Ratio of the $B^0 \rightarrow \bar{D}^0 \mu^+ \mu^-$ and $B^0 \rightarrow \bar{D}^0 \tau^+ \tau^-$ Branching Fractions Using Three-Prong Lepton Decays. <i>Physical Review Letters</i> , 2018 , 120, 171802	7.4	126
736	Measurement of the Ratio of Branching Fractions $B(B_{c1}^+ \rightarrow \bar{D}^0 \mu^+ \mu^-) / B(B_{c1}^+ \rightarrow \bar{D}^0 \tau^+ \tau^-)$. <i>Physical Review Letters</i> , 2018 , 120, 121801	7.4	109
735	Search for Bc+ decays to two charm mesons. <i>Nuclear Physics B</i> , 2018 , 930, 563-582	2.8	4

734	Measurement of the Lifetime of the Doubly Charmed Baryon Ξ_{cc}^{++} . <i>Physical Review Letters</i> , 2018 , 121, 052002	7.4	44
733	Measurement of branching fractions of charmless four-body B^0 and B^+ decays. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	8
732	Observation of the decay $B^0 \rightarrow \pi^+ \pi^- \pi^0$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018 , 784, 101-111	4.2	7
731	A gamma beam profile imager for ELI-NP Gamma Beam System. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2018 , 893, 109-116	1.2	6
730	Observation of a New Ξ_{bb}^0 Resonance. <i>Physical Review Letters</i> , 2018 , 121, 072002	7.4	50
729	Evidence for the Rare Decay $B^0 \rightarrow \pi^+ \pi^- \pi^0$. <i>Physical Review Letters</i> , 2018 , 120, 221803	7.4	8
728	Central exclusive production of J/ψ and $\psi(2S)$ mesons in pp collisions at $\sqrt{s} = 13$ TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018,	5.4	13
727	Measurement of the time-integrated CP asymmetry in $D^0 \rightarrow K^0 S^0$ decays. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	4
726	Study of ψ 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
725	Search for beautiful tetraquarks in the $\psi(1S)$ invariant-mass spectrum. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	21
724	Search for CP violation in $B^0 \rightarrow \pi^+ K^-$ and $B^0 \rightarrow \pi^0 K^0$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018 , 787, 124-133	4.2	9
723	Search for lepton-flavour-violating decays of Higgs-like bosons. <i>European Physical Journal C</i> , 2018 , 78, 1008	4.2	3
722	Evidence for an resonance in decays. <i>European Physical Journal C</i> , 2018 , 78, 1019	4.2	26
721	Observation of the decay $B_s^0 \rightarrow D^0 K^+ K^-$. <i>Physical Review D</i> , 2018 , 98,	4.9	6
720	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
719	Measurement of Antiproton Production in p-He Collisions at $\sqrt{s_{\text{NN}}} = 110$ GeV. <i>Physical Review Letters</i> , 2018 , 121, 222001	7.4	22
718	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
717	Measurement of ψ production in pp collisions at $(\sqrt{s}) = 13$ TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	6

716	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
715	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	0
714	Search for a dimuon resonance in the χ mass region. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5-4	7
713	Studies of the resonance structure in decays. <i>European Physical Journal C</i> , 2018 , 78, 443	4-2	11
712	Angular moments of the decay $B \rightarrow \mu^+ \mu^-$ at low hadronic recoil. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5-4	17
711	Measurement of Z production in proton-proton collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5-4	2
710	First Observation of the Doubly Charmed Baryon Decay $\Xi_{cc}^{++} \rightarrow \Xi_c^+ \mu^+$. <i>Physical Review Letters</i> , 2018 , 121, 162002	7-4	54
709	Measurement of the CKM angle Γ_{sing} using $B \rightarrow DK$ with $D \rightarrow \pi^0 \pi^0 K^+ K^-$ decays. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5-4	9
708	Measurement of D^0 production asymmetry in pp collisions at ($\sqrt{s}=7$) and 8 TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5-4	4
707	Measurement of Angular and CP Asymmetries in $D^0 \rightarrow B^+ \pi^- \pi^+$ and $D^0 \rightarrow K^+ \pi^- \pi^+$ Decays. <i>Physical Review Letters</i> , 2018 , 121, 091801	7-4	8
706	Measurement of the Ξ_c^0 Baryon Lifetime. <i>Physical Review Letters</i> , 2018 , 121, 092003	7-4	12
705	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
704	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
703	Observation of the decay $B \rightarrow \pi^0 \pi^0$. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5-4	5
702	Measurement of the CP asymmetry in $B \rightarrow D^0$ and $B \rightarrow D^0 D^0$ decays. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5-4	1
701	Search for CP violation using triple product asymmetries in $B \rightarrow \phi K^0$ and $B \rightarrow \phi K^+ K^-$ decays. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5-4	7
700	Collimation and characterization of ELI-NP gamma beam. <i>International Journal of Modern Physics Conference Series</i> , 2018 , 48, 1860116	0-7	
699	Updated determination of D^0 mixing and CP violation parameters with $D^0 \rightarrow K^+ \pi^-$ decays. <i>Physical Review D</i> , 2018 , 97,	4-9	11

698	Search for the rare decay $B^+ \rightarrow p \bar{p} \pi^0$. <i>Physical Review D</i> , 2018 , 97,	4.9	9
697	Search for weakly decaying b-flavored pentaquarks. <i>Physical Review D</i> , 2018 , 97,	4.9	5
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695	Measurements of the branching fractions of $\bar{L} + \bar{\phi} \pi^0$, $\bar{L} + \bar{\phi} K^0$, and $\bar{L} + \bar{\phi} K^+$. <i>Journal of High Energy Physics</i> , 2018 , 2018,	5.4	8
694	Measurement of CP violation in $B^0 \rightarrow \bar{D}^0 \pi$ decays. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	2
693	Amplitude Analysis of the Decay $B^0 \rightarrow K^0_S \pi^+ \pi^-$ 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
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691	Search for the suppressed decays $B^+ \rightarrow K^+ K^0$ 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
690	Measurement of matter-antimatter differences in beauty baryon decays. <i>Nature Physics</i> , 2017 , 13, 391-396.	6.2	45
689	Amplitude analysis of $B^+ \rightarrow \pi^+ K^0$ decays. <i>Physical Review D</i> , 2017 , 95,	4.9	56
688	Observation of J/ψ Structures Consistent with Exotic States from Amplitude Analysis of $B^+ \rightarrow \pi^+ \rho^0 K^+$ Decays. <i>Physical Review Letters</i> , 2017 , 118, 022003	7.4	98
687	Observation of the Annihilation Decay Mode $B^0 \rightarrow K^+ K^-$. <i>Physical Review Letters</i> , 2017 , 118, 081801.	7.4	18
686	First Experimental Study of Photon Polarization in Radiative B_{s^0} Decays. <i>Physical Review Letters</i> , 2017 , 118, 021801	7.4	16
685	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
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683	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
682	The nuclear resonance scattering calibration technique for the EuroGammaS gamma characterisation system at ELI-NP-GBS. <i>Journal of Instrumentation</i> , 2017 , 12, C03058-C03058	1	3
681	Measurement of the phase difference between short- and long-distance amplitudes in the $B^0 \rightarrow \pi^0 \pi^0$ decay. <i>European Physical Journal C</i> , 2017 , 77, 161	4.2	25

680	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
679	Search for massive long-lived particles decaying semileptonically in the LHCb detector. <i>European Physical Journal C</i> , 2017 , 77, 224	4.2	35
678	Observation of $[B^0 \rightarrow \pi^+ \pi^-]$ and $[B^0 \rightarrow \pi^+ \pi^0]$ decays. <i>European Physical Journal C</i> , 2017 , 77, 72	4.2	4
677	Measurement of CP asymmetry in $D^0 \rightarrow \pi^+ \pi^-$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017 , 767, 177-187	4.2	11
676	A new-concept gamma calorimeter at ELI-NP. <i>Journal of Instrumentation</i> , 2017 , 12, C02051-C02051	1	3
675	Observation of the Decay $B^0 \rightarrow \pi^+ \pi^- K^0$. <i>Physical Review Letters</i> , 2017 , 118, 071801	7.4	7
674	Search for long-lived scalar particles in $B^+ \rightarrow K^+ \pi^0$ decays. <i>Physical Review D</i> , 2017 , 95,	4.9	48
673	Study of prompt D^0 meson production in pPb collisions at $(\sqrt{s_{\text{NN}}})=5$ TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	27
672	Prompt and nonprompt J/ψ production and nuclear modification in pPb collisions at $\sqrt{s_{\text{NN}}}=8.16$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017 , 774, 159-178	4.2	26
671	Observation of charmless baryonic decays $B(s) \rightarrow \rho^+ \pi^0 h^0$. <i>Physical Review D</i> , 2017 , 96,	4.9	5
670	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
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668	Observation of $B_c^+ \rightarrow D^0(*) K^0(*)$ decays. <i>Physical Review D</i> , 2017 , 95,	4.9	8
667	Measurements of charm mixing and CP violation using $D^0 \rightarrow K^0 \pi^0$ decays. <i>Physical Review D</i> , 2017 , 95,	4.9	8
666	Measurement of the B_{CP} production asymmetry and the CP asymmetry in $B_{\text{CP}} \rightarrow \pi^+ \pi^-$ decays. <i>Physical Review D</i> , 2017 , 95,	4.9	6
665	Measurement of the ratio of branching fractions and difference in CP asymmetries of the decays $B^+ \rightarrow \pi^+ \pi^0$ and $B^+ \rightarrow \pi^+ \pi^+$. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	2
664	Search for the $B^0 \rightarrow \pi^0 \pi^0$ decay. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	1
663	Observation of the decay $B^0 \rightarrow \pi^+ \pi^- \pi^0$ and a search for CP violation. <i>Journal of High Energy Physics</i> , 2017 , 2017,	5.4	5

662	Measurement of $B_{\{s\}}^{\{0\}}$ and $D_{\{s\}}^{\{-\}}$ Meson Lifetimes. <i>Physical Review Letters</i> , 2017 , 119, 101801	7.4	10
661	Observation of the Doubly Charmed Baryon $\Xi_{\{cc\}}^{\{++\}}$. <i>Physical Review Letters</i> , 2017 , 119, 112001	7.4	257
660	Measurement of the CP Violation Parameter $A_{\{f\}}$ in $D^{\{0\}}-\Xi^{\{+K\}}$ and $D^{\{0\}}-\Xi^{\{+\pi\}}$ Decays. <i>Physical Review Letters</i> , 2017 , 118, 261803	7.4	11
659	Observation of $B_{\{c\}}^{\{+\}}-\Xi^{\{0\}}K^{\{+\}}$ Decays. <i>Physical Review Letters</i> , 2017 , 118, 111803	7.4	13
658	Observation of Five New Narrow $\Xi_{\{c\}}^{\{0\}}$ States Decaying to $\Xi_{\{c\}}^{\{+K\}}$. <i>Physical Review Letters</i> , 2017 , 118, 182001	7.4	154
657	Measurement of CP asymmetries in $D\Xi-\Xi$ and $Ds\Xi-\Xi$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017 , 771, 21-30	4.2	6
656	Observation of $\Xi(2S)-pp$ and search for $X(3872)-pp$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017 , 769, 305-313	4.2	16
655	Observation of the $\Xi\Xi/\Xi\Xi$ decay. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017 , 772, 265-273	4.2	15
654	Measurement of the $B_{\{s\}}^{\{0\}}-\Xi^{\{+\pi\}}$ Branching Fraction and Effective Lifetime and Search for $B^{\{0\}}-\Xi^{\{+\pi\}}$ Decays. <i>Physical Review Letters</i> , 2017 , 118, 191801	7.4	106
653	Particle physics: BaBar Collaboration first to see anomaly. <i>Nature</i> , 2017 , 548, 31	50.4	
652	Study of J/Ψ Production in Jets. <i>Physical Review Letters</i> , 2017 , 118, 192001	7.4	20
651	Observation of the Decays $\Xi_{\{b\}}^{\{0\}}-\Xi_{\{c1\}}pK^{\{-\}}$ and $\Xi_{\{b\}}^{\{0\}}-\Xi_{\{c2\}}pK^{\{-\}}$. <i>Physical Review Letters</i> , 2017 , 119, 062001	7.4	22
650	Observation of the $B^{\{+\}}-\Xi^{\{0\}}K^{\{+\pi\}}$ decay. <i>Physical Review D</i> , 2017 , 96,	4.9	2
649	Search for the Decays $B_{\{s\}}^{\{0\}}-\Xi^{\{+\pi\}}$ and $B^{\{0\}}-\Xi^{\{+\pi\}}$. <i>Physical Review Letters</i> , 2017 , 118, 251802	7.4	40
648	Measurement of the shape of the $B^{\{0\}}-\Xi^{\{+\pi\}}$ differential decay rate. <i>Physical Review D</i> , 2017 , 96,	4.9	23
647	Observation of the suppressed decay $\Xi_{\{b\}}^{\{0\}}-\Xi_{\{c1\}}\Xi_{\{c2\}}^{\{+\pi\}}$. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	10
646	Test of lepton universality with $B^{\{0\}}-\Xi^{\{+\pi\}}\ell^{\{+\pi\}}$ decays. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	298
645	$\Xi_{\{c1\}}$ and $\Xi_{\{c2\}}$ Resonance Parameters with the Decays $\Xi_{\{c1,c2\}}-\Xi_{\{c\}}^{\{+\pi\}}$. <i>Physical Review Letters</i> , 2017 , 119, 221801	7.4	8

644	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
643	Search for Baryon-Number Violating ΔB^0 Oscillations. <i>Physical Review Letters</i> , 2017 , 119, 181807	7.4	1
642	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
641	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
640	Measurements of prompt charm production cross-sections in pp collisions at $s = 5 \sqrt{s}=5$ TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017,	5.4	16
639	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
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637	EuroGammaS gamma characterisation system for ELI-NP-GBS: The nuclear resonance scattering technique. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2017 , 865, 60-62	1.2	3
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634	Study of ($\overline{b}b$) correlations in high energy proton-proton collisions. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	5
633	Measurement of CP observables in $B^0 \rightarrow DK^*$ decays using two- and four-body D final states. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	4
632	Measurement of B^0 , B_s^0 , B^+ and \overline{B}^0 production asymmetries in 7 and 8 TeV proton-proton collisions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017 , 774, 139-158	4.2	10
631	Measurement of CP violation in $B^0 \rightarrow \pi^0 \pi^0$ and $B^0 \rightarrow \pi^0 K_S^0$ decays. <i>Journal of High Energy Physics</i> , 2017 , 2017,	5.4	2
630	First Observation of a Baryonic $B_{(s)}^0$ Decay. <i>Physical Review Letters</i> , 2017 , 119, 041802	7.4	10
629	Updated search for long-lived particles decaying to jet pairs. <i>European Physical Journal C</i> , 2017 , 77, 812	4.2	23
628	Updated branching fraction measurements of $B^0 \rightarrow \pi^0 \pi^0$ decays. <i>Journal of High Energy Physics</i> , 2017 , 2017,	5.4	4
627	Search for decays of neutral beauty mesons into four muons. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	7

626	Observation of the decay $B_s^0 \rightarrow \mu^+ \mu^-$ and evidence for $B_s^0 \rightarrow \mu^+ \mu^-$. <i>Journal of High Energy Physics</i> , 2017 , 2017,	5.4	6
625	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
624	Measurement of the B_{μ} production cross-section in pp collisions at $s = 7 \sqrt{s}=7$ and 13 TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017,	5.4	8
623	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
622	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
621	Model-Independent Evidence for J/ψ Contributions to $\overline{B}^0 \rightarrow \mu^+ \mu^- K^0$ Decays. <i>Physical Review Letters</i> , 2016 , 117, 082002	7.4	85
620	Evidence for Exotic Hadron Contributions to $\overline{B}^0 \rightarrow \mu^+ \mu^- K^0$ Decays. <i>Physical Review Letters</i> , 2016 , 117, 082003	7.4	91
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618	Measurement of the mass and lifetime of the B_{μ} baryon. <i>Physical Review D</i> , 2016 , 93,	4.9	6
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615	Measurement of the $B_s^0 \rightarrow \mu^+ \mu^- D_s^0$ branching fractions. <i>Physical Review D</i> , 2016 , 93,	4.9	3
614	Constraints on the unitarity triangle angle Γ from Dalitz plot analysis of $B^0 \rightarrow \mu^+ \mu^- K^0$ decays. <i>Physical Review D</i> , 2016 , 93,	4.9	6
613	Observation of $B_{s^0} \rightarrow \mu^+ \mu^- K_{S^0}^0$ and Evidence for $B_{s^0} \rightarrow \mu^+ \mu^- K_{S^0}^0$ Decays. <i>Physical Review Letters</i> , 2016 , 116, 161802	7.4	5
612	Measurement of the Difference of Time-Integrated CP Asymmetries in $D^0 \rightarrow \mu^+ \mu^- K^0$ and $D^0 \rightarrow \mu^+ \mu^- K^+$ Decays. <i>Physical Review Letters</i> , 2016 , 116, 191601	7.4	25
611	Search for Violations of Lorentz Invariance and CPT Symmetry in $B_{(s)^0}$ Mixing. <i>Physical Review Letters</i> , 2016 , 116, 241601	7.4	22
610	Search for Structure in the $B_{s^0} \rightarrow \mu^+ \mu^-$ Invariant Mass Spectrum. <i>Physical Review Letters</i> , 2016 , 117, 152003	7.4	64
609	Differential branching fraction and angular moments analysis of the decay $B^0 \rightarrow \mu^+ \mu^-$ in the $K^*_{0,2}(1430)^0$ region. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	11

608	Study of $D^*(*) + sJ$ mesons decaying to $D^* + K^0 S$ and $D^*0 K +$ final states. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5-4	7
607	Measurement of forward W and Z boson production in pp collisions at $s = 8 \sqrt{s}=8$ TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016,	5-4	34
606	Study of (ΨS) production and cold nuclear matter effects in pPb collisions at $(\sqrt{s_{\{N;N\}}}=5)$ TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5-4	10
605	Model-independent measurement of mixing parameters in $D^0 \rightarrow K^0 S^0$ decays. <i>Journal of High Energy Physics</i> , 2016 , 2016,	5-4	11
604	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
603	First observation of the decay $B^0 \rightarrow K^0 S^0 K^*(892)^0$ at LHCb. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5-4	3
602	Observation of the $B^0 \rightarrow e/\mu \nu$ decay. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5-4	7
601	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
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599	Measurement of the front-end dead-time of the LHCb muon detector and evaluation of its contribution to the muon detection inefficiency. <i>Journal of Instrumentation</i> , 2016 , 11, P04010-P04010	1	2
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597	Search for Higgs-like bosons decaying into long-lived exotic particles. <i>European Physical Journal C</i> , 2016 , 76, 664	4-2	16
596	Observations of $D^0 b \rightarrow K^+ \pi^-$ and $D^0 b \rightarrow K^+ K^-$ decays and searches for other $D^0 b$ and $D^0 b$ decays to $\pi^+ h^0$ final states. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5-4	17
595	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
594	Observation of $D^0 b \rightarrow (\Psi S)pK^+$ and $D^0 b \rightarrow e/\mu^+ \Psi K^+$ decays and a measurement of the $D^0 b$ baryon mass. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5-4	15
593	Measurement of the properties of the Λ_b^0 baryon. <i>Journal of High Energy Physics</i> , 2016 , 2016,	5-4	15
592	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
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589	Measurement of the ratio of branching fractions ($\mathcal{B}(\mathcal{B} \rightarrow \mathcal{K}^+ \mu^+ \nu) / \mathcal{B}(\mathcal{B} \rightarrow \mathcal{K}^+ e^+ \nu)$). <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5-4	5
588	Measurement of forward W \rightarrow $\mu\nu$ production in pp collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5-4	8
587	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
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569	Precision measurement of CP violation in $B(S)(0) \rightarrow \mu^+K^-$ decays. <i>Physical Review Letters</i> , 2015 , 114, 041801	7.4	53
568	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
567	LHCb detector performance. <i>International Journal of Modern Physics A</i> , 2015 , 30, 1530022	1.2	452
566	Search for long-lived particles decaying to jet pairs. <i>European Physical Journal C</i> , 2015 , 75, 152	4.2	26
565	Search for CP violation in $D^0 \rightarrow \mu\mu$ 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
564	Study of $\mu\mu$ mixing from measurement of $B(s) \rightarrow \mu^+\mu^-$ decay rates. <i>Journal of High Energy Physics</i> , 2015 , 2015,	5.4	8
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562	Search for the lepton flavour violating decay $\mu\mu \rightarrow \mu\mu$. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	22
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559	Observation of the rare $B(s)(0) \rightarrow \mu^+\mu^-$ decay from the combined analysis of CMS and LHCb data. <i>Nature</i> , 2015 , 522, 68-72	50.4	326
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552	First observation and amplitude analysis of the $B\{D\}+K\{D\}$ decay. <i>Physical Review D</i> , 2015 , 91,	4.9	30
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550	Amplitude analysis of $B\{0\}\rightarrow D\{K\}+K\{D\}$ decays. <i>Physical Review D</i> , 2015 , 92,	4.9	16
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548	Study of W boson production in association with beauty and charm. <i>Physical Review D</i> , 2015 , 92,	4.9	17
547	Measurement of the branching fraction ratio $B(B\{c\}^{\{-\}}\rightarrow D\{S\})/B(B\{c\}^{\{-\}}\rightarrow D\{D\})$. <i>Physical Review D</i> , 2015 , 92,	4.9	11
546	Search for the rare decays $B\{0\}\rightarrow d/\{D\}$ and $B\{s\}^{\{0\}}\rightarrow d/\{D\}$. <i>Physical Review D</i> , 2015 , 92,	4.9	7
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534	Measurement of the exclusive J/ψ 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
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527	Measurement of CP violation parameters and polarisation fractions in ($\text{B}^0 \rightarrow \text{J}/\psi \text{K}^0$) decays. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5-4	12
526	Measurement of forward Z $\rightarrow \text{e}^+ \text{e}^-$ production at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5-4	17
525	Differential branching fraction and angular analysis of $\text{B}^0 \rightarrow \text{D}^0 \pi^0$ decays. <i>Journal of High Energy Physics</i> , 2015 , 2015,	5-4	54
524	Measurement of the time-dependent CP asymmetries in $\text{B}^0 \rightarrow \text{D}^0 \pi^0$. <i>Journal of High Energy Physics</i> , 2015 , 2015,	5-4	9
523	Search for the decay ($\text{B}^0 \rightarrow \text{D}^0 \pi^0$). <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5-4	10
522	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
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505	Searches for (Λ_b^0) and (Ξ_b^0) decays to $(K_{\text{charm}}^0 \pi^0)$ and $(K_{\text{charm}}^0 \pi^+ \pi^-)$ final states with first observation of the $(\Lambda_b^0 \rightarrow K_{\text{charm}}^0 \pi^0)$ decay. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	18
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498	Measurement of CP asymmetry in $\text{D}^0 \rightarrow \text{K}^+ \text{ K}^-$ and $\text{D}^0 \rightarrow \text{K}^+ \text{ K}^0$ decays. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5-4	42
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495	Observation of the $\text{B}^0 \rightarrow \text{s} \rightarrow \text{e} \text{ B}^0$ decay. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5-4	5
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449	Search for CP violation in D -K OS K and D s -K OS decays. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	8
448	First observations of the rare decays B + -K + and B + -K +. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	7
447	Measurement of the $\Lambda_b(3P)$ mass and of the relative rate of $\Lambda_b(1P)$ and $\Lambda_b(2P)$ production. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	17

446	Measurement of the CKM angle Γ using $B \rightarrow DK$ with $D \rightarrow K^0 S \rightarrow K^0 S K + K^0$ decays. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5-4	19
445	Measurement of CP asymmetry in $B \rightarrow D^* K$ decays. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5-4	10
444	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
443	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
442	A study of CP violation in $B \rightarrow DK$ and $B \rightarrow D^* K$ decays with $D \rightarrow K^0 K^0$ final states. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 733, 36-45	4-2	12
441	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
440	Differential branching fraction and angular analysis of the decay $(B_s^0) \rightarrow D^* K$. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5-4	86
439	Search for CP violation in $D \rightarrow D^* K$ and $(D_s^+ \rightarrow K^0 K^+)$ decays. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5-4	14
438	Precision measurement of D meson mass differences. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5-4	48
437	Production of J/ψ and (Υ) mesons in pp collisions at $(\sqrt{s}=8)$ TeV. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5-4	58
436	Measurement of the $B \rightarrow D^* e^+ e^-$ branching fraction at low dilepton mass. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5-4	22
435	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
434	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
433	Measurement of CP observables in $B \rightarrow DK^*$ with $D \rightarrow K^0 K^0$. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5-4	6
432	Measurement of the cross-section for $Z \rightarrow e^+ e^-$ production in pp collisions at $(\sqrt{s}=7)$ TeV. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5-4	43
431	Differential branching fraction and angular analysis of the $B \rightarrow D^* K^0$ decay. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5-4	63
430	First evidence for the annihilation decay mode $\{B^+\} \rightarrow D_s^+ \phi$. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5-4	13
429	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

428	Measurement of the forward energy flow in collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2013 , 73, 2421	4.2	17
427	Measurements of the branching fractions of [Formula: see text] decays. <i>European Physical Journal C</i> , 2013 , 73, 2462	4.2	19
426	Search for $D(s)+\bar{D}D$ and $D(s)+\bar{D}D$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 724, 203-212	4.2	30
425	Model-independent search for CP violation in . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 726, 623-633	4.2	19
424	Measurement of the time-dependent CP asymmetry in $B_0\text{-}d/\bar{B}S_0$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 721, 24-31	4.2	11
423	Branching fraction and CP asymmetry of the decays $B+\bar{K}S_0$ and $B+\bar{K}S_0K+$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 726, 646-655	4.2	9
422	First measurement of time-dependent CP violation in ($B_s^0\text{to }K^+K^-$) decays. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	25
421	Study of $B_{(s)}^0\text{to }K_{\text{mathrm{S}}}^0\{h^+\}h^{\{\prime -\}}$ decays with first observation of $B_s^0\text{to }K_{\text{mathrm{S}}}^0\{K^{\pm}\}\{\pi^{\{\mp\}}\}$ and $B_s^0\text{to }K_{\text{mathrm{S}}}^0\{\pi^+\}\{\pi^-\}$. <i>Journal of High Energy Physics</i> , 2013 , 2013,	5.4	14
420	Measurement of the relative rate of prompt Ξ_0 , Ξ_1 and Ξ_2 production at ($\sqrt{s}=7$) TeV. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	31
419	First evidence for the two-body charmless baryonic decay $\{B^0\text{to }p\}$. <i>Journal of High Energy Physics</i> , 2013 , 2013,	5.4	7
418	Study of D J meson decays to D + $\bar{D} D$ and D *+final states in pp collisions. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	69
417	First observation of the decay ($B_c^+\text{to }J\text{left/}\{\{\psi\}K^+\}$ right.). <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	36
416	Searches for ($B_{(s)}^0\text{to }J\text{left/}\{\{\psi\}p\}$ right.) \overline{p}) and $B + -e/\bar{p}$ (\overline{p}) \bar{D} decays. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	6
415	Differential branching fraction and angular analysis of the decay $B_0 -K^* D$. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	99
414	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
413	Implications of LHCb measurements and future prospects. <i>European Physical Journal C</i> , 2013 , 73, 1	4.2	116
412	Observation of $B^0_{(s)}\{D\overline{B}\}^0_{(s)}$ mixing and measurement of mixing frequencies using semileptonic B decays. <i>European Physical Journal C</i> , 2013 , 73,	4.2	14
411	Search for the doubly charmed baryon ($\Xi_{cc}^+\}$). <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	41

410	Measurement of ρ polarization in collisions at $\sqrt{s}=7, \text{TeV}$. <i>European Physical Journal C</i> , 2013 , 73, 2631	4.2	87
409	Observation of the decay $B_c^+ \rightarrow \bar{K} + K^0$. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	20
408	First observation of the decay $B_s^0 \rightarrow \bar{K}^0 \mu^+ \mu^-$. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	7
407	First evidence for the decay $B(s)0 \rightarrow \bar{K}^0 \mu^+ \mu^-$. <i>Physical Review Letters</i> , 2013 , 110, 021801	7.4	263
406	First observation of CP violation in the decays of $B(s)0$ mesons. <i>Physical Review Letters</i> , 2013 , 110, 221601	7.4	78
405	Search for the rare decay $(K_{\text{S}}^0 \rightarrow \mu^+ \mu^-)$. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	10
404	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
403	Measurement of the ratio of branching fractions $B(B0 \rightarrow \bar{K}^0 \mu^+ \mu^-)/B(Bs0 \rightarrow \bar{K}^0 \mu^+ \mu^-)$ and the direct CP asymmetry in $B0 \rightarrow \bar{K}^0 \mu^+ \mu^-$. <i>Nuclear Physics B</i> , 2013 , 867, 1-18	2.8	29
402	Measurement of the effective α_s . <i>Nuclear Physics B</i> , 2013 , 873, 275-292	2.8	10
401	Prompt charm production in pp collisions at $\sqrt{s}=7, \text{TeV}$. <i>Nuclear Physics B</i> , 2013 , 871, 1-20	2.8	163
400	Observation of the suppressed ADS modes $B \rightarrow \bar{D}^0 \mu^+ \mu^-$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 723, 44-53	4.2	14
399	Measurement of the CKM angle Γ from a combination of $B \rightarrow \bar{D}^0 \mu^+ \mu^-$ analyses. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 726, 151-163	4.2	33
398	Search for direct CP violation in $B \rightarrow \bar{D}^0 \mu^+ \mu^-$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 723, 33-43	4.2	29
397	Measurements of the $B0 \rightarrow \bar{D}^0 \mu^+ \mu^-$ decay amplitudes and the $B0$ polarisation in pp collisions at $\sqrt{s}=7, \text{TeV}$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 724, 27-35	4.2	41
396	Observation of the decay $Bs0 \rightarrow \bar{D}^0 \mu^+ \mu^-$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 727, 403-411	4.2	13
395	Search for the rare decay $D0 \rightarrow \bar{K}^0 \mu^+ \mu^-$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 725, 15-24	4.2	23
394	Measurement of the differential branching fraction of the decay $B \rightarrow \bar{D}^0 \mu^+ \mu^-$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 725, 25-35	4.2	29
393	Electroweak measurements in electron-positron collisions at W-boson-pair energies at LEP. <i>Physics Reports</i> , 2013 , 532, 119-244	27.7	291

392	Evidence for the decay $B^0 \rightarrow \mu^+ \mu^-$ and measurement of the relative branching fractions of B^0 meson decays to J/ψ and J/ψ . <i>Nuclear Physics B</i> , 2013 , 867, 547-566	2.8	25
391	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
390	Observation of $B^0 \rightarrow \mu^+ \mu^-$. <i>Nuclear Physics B</i> , 2013 , 874, 663-678	2.8	8
389	Observation of D^0 - \bar{D}^0 oscillations. <i>Physical Review Letters</i> , 2013 , 110, 101802	7.4	45
388	Observations of $B^0 \rightarrow \mu^+ \mu^-$. <i>Nuclear Physics B</i> , 2013 , 871, 403-419	2.8	16
387	Measurement of the $B^0 \rightarrow \mu^+ \mu^-$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 718, 902-909	4.2	31
386	Precision measurement of the B^0 oscillation frequency with the decay $B^0 \rightarrow \mu^+ \mu^-$. <i>New Journal of Physics</i> , 2013 , 15, 053021	2.9	49
385	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
384	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
383	Precision measurement of the B^0 baryon lifetime. <i>Physical Review Letters</i> , 2013 , 111, 102003	7.4	32
382	Measurement of CP violation and the B^0 meson decay width difference with $B^0 \rightarrow \mu^+ \mu^- K^0$ and $B^0 \rightarrow \mu^+ \mu^- \pi^0$ decays. <i>Physical Review D</i> , 2013 , 87,	4.9	66
381	Measurement of D^0 - \bar{D}^0 mixing parameters and search for CP violation using $D^0 \rightarrow \mu^+ \mu^- \pi^0$ decays. <i>Physical Review Letters</i> , 2013 , 111, 251801	7.4	34
380	First observations of $B^0 \rightarrow \mu^+ \mu^- D_s^+ D_s^-$ and $D^0 D^0$ decays. <i>Physical Review D</i> , 2013 , 87,	4.9	19
379	Measurement of the $\Lambda_b(0)$, $\Lambda_b(-)$, and $\Lambda_b(0)$ Baryon masses. <i>Physical Review Letters</i> , 2013 , 110, 182001	7.4	57
378	Measurement of the CP asymmetry in $B^+ \rightarrow \mu^+ \mu^- \pi^+$ decays. <i>Physical Review Letters</i> , 2013 , 111, 151801	7.4	11
377	First measurement of the CP-violating phase in $B_s(0) \rightarrow \mu^+ \mu^-$ decays. <i>Physical Review Letters</i> , 2013 , 110, 241802	7.4	14
376	Determination of the X(3872) meson quantum numbers. <i>Physical Review Letters</i> , 2013 , 110, 222001	7.4	234
375	Measurement of the branching fractions of the decays $B^0 \rightarrow \mu^+ \mu^- K^0$ and $B^0 \rightarrow \mu^+ \mu^- K^0$. <i>Physical Review D</i> , 2013 , 87,	4.9	16

374	Analysis of the resonant components in $B \rightarrow D^* \ell \bar{\nu}_\ell$. <i>Physical Review D</i> , 2013 , 87,	4.9	49
373	Observation of the decay $B(c)(+) \rightarrow B(s)(0) \mu^+ \mu^-$. <i>Physical Review Letters</i> , 2013 , 111, 181801	7.4	55
372	Search for the decay $B_s \rightarrow D^* \mu^+ \mu^-$. <i>Physical Review D</i> , 2013 , 87,	4.9	6
371	Measurement of the polarization amplitudes in $B \rightarrow D^* \ell^+ \ell^- (892)0$ decays. <i>Physical Review D</i> , 2013 , 88,	4.9	15
370	Measurement of CP violation in the phase space of $B \rightarrow K^* \mu^+ \mu^-$ and $B \rightarrow K^* K^+ K^-$ decays. <i>Physical Review Letters</i> , 2013 , 111, 101801	7.4	70
369	Observation of the decay $B_c \rightarrow D^* S^+ \mu^+ \mu^-$. <i>Physical Review D</i> , 2013 , 87,	4.9	28
368	Measurement of form-factor-independent observables in the decay $B \rightarrow K^* (\ell^+ \ell^-)$. <i>Physical Review Letters</i> , 2013 , 111, 191801	7.4	314
367	Observation of $B_c \rightarrow D^* D_s^+$ and $B_c \rightarrow D^* D_s^{*+}$ decays. <i>Physical Review D</i> , 2013 , 87,	4.9	46
366	Study of $B \rightarrow D^* \mu^+ \mu^-$ and $B \rightarrow D^* K^+ \mu^-$ decays. <i>Physical Review D</i> , 2013 , 87,	4.9	9
365	Measurement of the CP asymmetry in $B(0) \rightarrow K^* (\ell^+ \ell^-)$ decays. <i>Physical Review Letters</i> , 2013 , 110, 031801	7.4	21
364	Studies of the decays $B^+ \rightarrow \rho^+ \ell^+ \ell^-$ and observation of $B^+ \rightarrow \rho(1520) \rho^+$. <i>Physical Review D</i> , 2013 , 88,	4.9	11
363	Observation of a resonance in $B^+ \rightarrow K^+ \mu^+ \mu^-$ decays at low recoil. <i>Physical Review Letters</i> , 2013 , 111, 112003	7.4	43
362	Amplitude analysis and branching fraction measurement of $B \rightarrow D^* \ell^+ \ell^- K^+$. <i>Physical Review D</i> , 2013 , 87,	4.9	32
361	First observation of the decay $B_s \rightarrow D^* (5840) (0) \mu^+ \mu^-$ and studies of excited $B_s(0)$ mesons. <i>Physical Review Letters</i> , 2013 , 110, 151803	7.4	42
360	First observation of $B \rightarrow D^* \ell^+ \ell^- K^+$ and search for $B \rightarrow D^* \ell^+ \ell^-$ decays. <i>Physical Review D</i> , 2013 , 88,	4.9	14
359	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
358	Search for rare $B(0) \rightarrow (s) \ell^+ \ell^- (\ell^+ \ell^-)$ decays. <i>Physical Review Letters</i> , 2013 , 110, 211801	7.4	14
357	Performance of the LHCb muon system. <i>Journal of Instrumentation</i> , 2013 , 8, P02022-P02022	1	120

356	Performance of the Muon Identification at LHCb. <i>Journal of Instrumentation</i> , 2013 , 8, P10020-P10020	1	56
355	Observation of $B_s^0 \rightarrow K^+ K^-$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 707, 52-59	4.2	104
354	Measurement of the effective $B_{s0} \rightarrow K^+ K^-$ lifetime. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 707, 349-356	4.2	16
353	Measurement of the CP violating phase ϕ_1 . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 707, 497-505	4.2	34
352	Search for the rare decays $B_s^0 \rightarrow K^+ K^-$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 708, 55-67	4.2	29
351	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
350	First observation of the decay $B_s^0 \rightarrow K^+ K^-$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 709, 50-58	4.2	22
349	Measurement of the $B_{s0} \rightarrow B^0$ oscillation frequency Δm_s in $B_{s0} \rightarrow D_s(B)$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 709, 177-184	4.2	42
348	Observation of CP violation in $B_{\pm}^0 \rightarrow K^{\pm} K^0$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 712, 203-212	4.2	69
347	Measurement of charged particle multiplicities in pp collisions at $\sqrt{s} = 7 \text{ TeV}$ in the forward region. <i>European Physical Journal C</i> , 2012 , 72, 1	4.2	24
346	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
345	Opposite-side flavour tagging of mesons at the LHCb experiment. <i>European Physical Journal C</i> , 2012 , 72, 2022	4.2	39
344	Measurement of production in collisions at $\sqrt{s} = 7 \text{ TeV}$. <i>European Physical Journal C</i> , 2012 , 72, 2025	4.2	83
343	Measurement of the B_{\pm}^0 production cross-section in pp collisions at $\sqrt{s} = 7 \text{ TeV}$. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	19
342	Measurements of the branching fractions of the decays $B_{s0} \rightarrow D_{s0}^{\pm} \pi^{\mp}$ and $B_{s0} \rightarrow D_{s0}^{\pm} \pi^{\mp}$. <i>Journal of High Energy Physics</i> , 2012 , 2012,	5.4	15
341	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
340	Measurement of the isospin asymmetry in $B \rightarrow K^* K$ decays. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	59
339	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

338	Study of $D^+ \rightarrow K^0_{\text{S}}$ and $D^0 \rightarrow K^+ K^-$ final states in pp collisions. <i>Journal of High Energy Physics</i> , 2012 , 2012,	5-4	24
337	Measurement of the fraction of $\Lambda(1520)$ originating from $\Lambda(1520)$ decays in pp collisions at $\sqrt{s}=7, \text{TeV}$. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5-4	17
336	First observation of the decay $B^0 \rightarrow \pi^+ \pi^- \pi^0$. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5-4	35
335	Evidence for CP violation in time-integrated $D^0 \rightarrow \pi^+ \pi^-$ decay rates. <i>Physical Review Letters</i> , 2012 , 108, 111602	7-4	150
334	Measurements of the branching fractions and CP asymmetries of $B^0 \rightarrow \pi^+ \pi^-$ and $B^0 \rightarrow \pi^0 \pi^0$ decays. <i>Physical Review D</i> , 2012 , 85,	4-9	19
333	First evidence of direct CP violation in charmless two-body decays of B_s^0 mesons. <i>Physical Review Letters</i> , 2012 , 108, 201601	7-4	43
332	Measurement of the ratio of branching fractions $B(B^0 \rightarrow \pi^+ \pi^-) / B(B_s^0 \rightarrow \pi^+ \pi^-)$. <i>Physical Review D</i> , 2012 , 85,	4-9	12
331	Searches for Majorana neutrinos in $B^0 \rightarrow \pi^+ \pi^-$ decays. <i>Physical Review D</i> , 2012 , 85,	4-9	47
330	Measurement of b hadron production fractions in 7 TeV pp collisions. <i>Physical Review D</i> , 2012 , 85,	4-9	105
329	Measurement of the $\Lambda(1520)$ polarization. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 713, 172-179	4-2	12
328	Measurement of the $\Lambda(1520)$ polarization. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 713, 186-195	4-2	33
327	Measurement of the polarization amplitudes and triple product asymmetries in the $B^0 \rightarrow \pi^+ \pi^-$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 713, 369-377	4-2	13
326	Measurement of the CP-violating phase α_s . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 713, 378-386	4-2	31
325	Measurement of the cross-section ratio $\sigma(B^0 \rightarrow \pi^+ \pi^-) / \sigma(B^0 \rightarrow \pi^0 \pi^0)$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 714, 215-223	4-2	41
324	Measurement of $\Lambda(1520)$ meson production in collisions at $\sqrt{s}=7, \text{TeV}$. <i>European Physical Journal C</i> , 2012 , 72, 2100	4-2	63
323	Measurement of relative branching fractions of $B^0 \rightarrow \pi^+ \pi^-$ and $B^0 \rightarrow \pi^0 \pi^0$ decays. <i>European Physical Journal C</i> , 2012 , 72, 2118	4-2	18
322	Measurement of prompt hadron production ratios in pp collisions at $\sqrt{s} = 0.9, 7, \text{TeV}$. <i>European Physical Journal C</i> , 2012 , 72, 1	4-2	23
321	Measurement of the effective α_s . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 716, 393-400	4-2	10

320	A model-independent Dalitz plot analysis of $B \rightarrow \pi^0 \pi^+ \pi^-$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 718, 43-55	4.2	20
319	Measurement of the ratio of prompt $B \rightarrow \pi^0 \pi^+ \pi^-$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 718, 431-440	4.2	42
318	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
317	Inclusive W and Z production in the forward region at $(\sqrt{s} = 7, \sqrt{s} = 8 \text{ TeV})$. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	60
316	First observation of the decay $B(c)^+ \rightarrow e^+ \mu^+ \nu_e \nu_\mu$. <i>Physical Review Letters</i> , 2012 , 108, 251802	7.4	50
315	Differential branching fraction and angular analysis of the decay $B^0 \rightarrow \pi^+ \pi^- \pi^0$. <i>Physical Review Letters</i> , 2012 , 108, 181806	7.4	39
314	Measurement of the $B_{\text{eff}}(s)(0)$ effective lifetime in the $J/\psi(980)$ final state. <i>Physical Review Letters</i> , 2012 , 109, 152002	7.4	14
313	First observation of the decays $B(0) \rightarrow \pi^0(+)K(-)\pi^+(\pi^-)$ and $B(-) \rightarrow \pi^0(0)K(-)\pi^+(\pi^-)$. <i>Physical Review Letters</i> , 2012 , 108, 161801	7.4	8
312	Observation of excited $\Lambda_b(0)$ baryons. <i>Physical Review Letters</i> , 2012 , 109, 172003	7.4	68
311	Analysis of the resonant components in $B_{\text{eff}}(s) \rightarrow \pi^+ \pi^- \pi^0$. <i>Physical Review D</i> , 2012 , 86,	4.9	59
310	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
309	Measurement of the $B_{\text{eff}}(s) \rightarrow \pi^+ \pi^- \pi^0$ branching fraction and angular amplitudes. <i>Physical Review D</i> , 2012 , 86,	4.9	17
308	Strong constraints on the rare decays $B(s)(0) \rightarrow \pi^+ \pi^- \pi^0$ and $B^0 \rightarrow \pi^+ \pi^- \pi^0$. <i>Physical Review Letters</i> , 2012 , 108, 231801	7.4	144
307	Search for lepton number violating decays $B^+ \rightarrow \pi^0 \pi^+ \pi^-$ and $B^+ \rightarrow \pi^+ \pi^- \pi^0$. <i>Physical Review Letters</i> , 2012 , 108, 101601	7.4	35
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166	Search for charginos and neutralinos in $e+e^-$ collisions at $\sqrt{s} = 189$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000 , 472, 420-433	4.2	49
165	Measurement of R_{b} and $\text{Br}(\text{b} \rightarrow \text{ell} \nu_{\text{X}})$ at LEP using double-tag methods. <i>European Physical Journal C</i> , 2000 , 13, 47-61	4.2	20
164	Measurements of cross sections and forward-backward asymmetries at the Z resonance and determination of electroweak parameters. <i>European Physical Journal C</i> , 2000 , 16, 1-40	4.2	45
163	Searches for scalar top and scalar bottom quarks in $e+e^-$ interactions at 161 GeV $\leq \sqrt{s} \leq 183$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999 , 445, 428-438	4.2	11
162	Search for charged Higgs bosons in $e+e^-$ collisions at centre-of-mass energies between 130 and 183 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999 , 446, 368-377	4.2	9
161	Measurement of the $e+e^- \rightarrow \tau^+\tau^- b\bar{b}$ forward-backward asymmetry and the $B_0 B_0$ mixing parameter using prompt leptons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999 , 448, 152-162	4.2	11
160	$B_0 B_0$ formation in two-photon collisions at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999 , 453, 73-82	4.2	19
159	Heavy quarkonium production in Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999 , 453, 94-106	4.2	12

158	Measurement of mass and width of the W boson at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999 , 454, 386-398	4.2	20
157	Search for scalar leptons in e^+e^- collisions at GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999 , 456, 283-296	4.2	5
156	Measurement of an elongation of the pion source in Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999 , 458, 517-528	4.2	33
155	Formation of the \bar{B} in two-photon collisions at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999 , 461, 155-166	4.2	21
154	Search for the standard model Higgs boson in e^+e^- interactions at GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999 , 461, 376-386	4.2	17
153	Search for heavy neutral and charged leptons in e^+e^- annihilation at $s = 183$ and 189 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999 , 462, 354-364	4.2	7
152	Search for low scale gravity effects in e^+e^- collisions at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999 , 464, 135-144	4.2	45
151	Measurement of the spectroscopy of orbitally excited B mesons at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999 , 465, 323-334	4.2	21
150	Search for charged Higgs bosons in e^+e^- collisions at $s=189$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999 , 466, 71-78	4.2	7
149	Measurement of inclusive $D^* \bar{D}$ production in two-photon collisions at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999 , 467, 137-146	4.2	10
148	Measurement of triple-gauge-boson couplings of the W boson at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999 , 467, 171-184	4.2	19
147	Search for extra dimensions in boson and fermion pair production in e^+e^- interactions at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999 , 470, 281-288	4.2	41
146	The Q2 evolution of the hadronic photon structure function F_2 at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999 , 447, 147-156	4.2	29
145	Study of neutral-current four-fermion and ZZ production in e^+e^- collisions at 183 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999 , 450, 281-293	4.2	20
144	Inclusive charm production in two-photon collisions at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999 , 453, 83-93	4.2	20
143	Measurement of the cross-section for the process $\gamma\gamma \rightarrow \text{hadrons}$ at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999 , 453, 333-342	4.2	39
142	Search for R-parity violating chargino and neutralino decays in e^+e^- collisions up to $s=183$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999 , 459, 354-366	4.2	7
141	Search for heavy isosinglet neutrinos in e^+e^- annihilation at GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999 , 461, 397-404	4.2	11

140	Study of Z boson pair production in e^+e^- collisions at LEP at $\sqrt{s}=189$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999 , 465, 363-375	4.2	20
139	Single and multi-photon events with missing energy in e^+e^- collisions at $\sqrt{s}=189$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999 , 470, 268-280	4.2	36
138	Search for scalar leptons in e^+e^- collisions at $\sqrt{s}=189$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999 , 471, 280-292	4.2	16
137	Search for neutral Higgs bosons of the Minimal Supersymmetric Standard Model in e^+e^- interactions at $\sqrt{s}=189$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999 , 471, 321-331	4.2	4
136	Searches for scalar quarks in e^+e^- interactions at $\sqrt{s}=189$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999 , 471, 308-320	4.2	26
135	K_0 s and $\bar{\nu}$ production in quark and gluon jets at LEP [Phys. Lett. B 407 (1997) 389]. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998 , 427, 409-412	4.2	2
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132	Measurement of the anomalous magnetic and electric dipole moments of the tau lepton. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998 , 434, 169-179	4.2	49
131	Test of CP invariance in $Z \rightarrow \bar{\nu}\nu$ decay. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998 , 436, 428-436	4.2	2
130	Measurement of W-pair cross sections in e^+e^- interactions at and W-decay branching fractions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998 , 436, 437-452	4.2	17
129	Photon structure functions and azimuthal correlations of lepton pairs in tagged $\bar{\nu}$ collisions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998 , 438, 363-378	4.2	10
128	Measurement of radiative Bhabha and quasi-real Compton scattering. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998 , 439, 183-196	4.2	4
127	Measurement of $\bar{\nu}(958)$ formation in two-photon collisions at LEP1. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998 , 418, 399-410	4.2	73
126	Measurement of the average lifetime of b-hadrons in Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998 , 416, 220-232	4.2	10
125	Missing mass spectra in hadronic events from e^+e^- collisions at $161 \leq \sqrt{s} \leq 172$ GeV and limits on invisible Higgs decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998 , 418, 389-398	4.2	6
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122	Local multiplicity fluctuations in hadronic Z decay. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998 , 429, 375-386	4.2	4
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115	Production of single W bosons in $e+e^-$ interactions at $130 \leq \sqrt{s} \leq 183$ GeV and limits on anomalous $WW\gamma$ couplings. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998 , 436, 417-427	4.2	13
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110	QCD results from studies of hadronic events produced in $e+e^-$ annihilations at GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998 , 444, 569-582	4.2	31
109	Search for scalar leptons, charginos and neutralinos in $e^{(\pm)}e^{(\mp)}$ collisions at $(\sqrt{s})=161 \leq \sqrt{s} \leq 172$ GeV 1998 , 4, 207		4
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96	Pair-production of W bosons in $e+e^-$ interactions at $s=161$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997</i> , 398, 223-238	4.2	31
95	Search for excited leptons in $e+e^-$ annihilation at $s=161$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997</i> , 401, 139-149	4.2	10
94	Production of single W bosons at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997</i> , 403, 168-176	4.2	17
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92	Production of e, $\bar{\nu}_d$ and $\bar{\nu}_s$ pairs in untagged two-photon collisions at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997</i> , 407, 341-350	4.2	7
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90	Measurement of W-pair cross sections in $e+e^-$ interactions at and W-decay branching fractions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997</i> , 407, 419-431	4.2	10
89	Measurement of hadron and lepton-pair production at at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997</i> , 407, 361-376	4.2	17
88	K_S^0 and $\bar{\nu}_d$ production in quark and gluon jets at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997</i> , 407, 389-401	4.2	16
87	Cross section of hadron production in $\bar{\nu}_d$ collisions at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997</i> , 408, 450-464	4.2	39

86	Upsilon production in Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997 , 413, 167-175	4.2	2
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84	Resonance formation in the $\mu\mu$ final state in two-photon collisions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997 , 413, 147-158	4.2	17
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30	Inclusive search for the charmless radiative decay of the b-quark ($b \rightarrow s\gamma$). <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993 , 317, 637-646	4.2	11
29	A search for the neutral Higgs boson at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993 , 303, 391-399	4.2	30
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26	Status of the L3 silicon microvertex detector. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 1993 , 32, 202-207		6
25	An optical decoupling system for double-sided silicon microstrip detectors. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 1993 , 32, 480-486		1
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23	\bar{b} production in hadronic Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993 , 317, 467-473	4.2	20
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16	Search for anomalous production of single-photon events in e^+e^- annihilations at the Z resonance. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992 , 297, 469-476	4.2	15
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13	Studies of hadronic event structure and comparisons with QCD models at the Z ⁰ resonance. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1992 , 55, 39-61		72
12	Search for the neutral Higgs boson at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992 , 283, 454-464	4.2	18
11	Determination of β_s from hadronic event shapes measured on the Z ⁰ resonance. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992 , 284, 471-481	4.2	58
10	Electroweak parameters of the Z ⁰ resonance and the standard model. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992 , 276, 247-253	4.2	157
9	A direct determination of the number of light neutrino families from τ at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992 , 275, 209-221	4.2	28
8	Measurement of inclusive τ production in hadronic decays of the Z ⁰ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992 , 286, 403-412	4.2	20
7	Measurement of the forward-backward asymmetries at the Z ⁰ resonance. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992 , 292, 454-462	4.2	27
6	Isolated hard photon emission in hadronic Z ⁰ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992 , 292, 472-484	4.2	42
5	A measurement of τ polarization in Z ⁰ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992 , 294, 466-478	4.2	32
4	Search for isosinglet neutral heavy leptons in Z ⁰ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992 , 295, 371-382	4.2	76
3	Search for lepton flavour violation in Z ⁰ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1991 , 271, 453-460	4.2	8
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1	Measurement of the lifetime of B-hadrons and a determination of $ V_{cb} $. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1991 , 270, 111-122	4.2	18