

Giovanni Passaleva

List of Publications by Citations

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

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

860	Results from the L3 experiments at LEP. <i>Physics Reports</i> , 1993 , 236, 1-146	27.7	231
859	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
858	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
857	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
856	The L3 silicon microvertex detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1994 , 351, 300-312	1.2	195
855	Prompt charm production in pp collisions at . <i>Nuclear Physics B</i> , 2013 , 871, 1-20	2.8	163
854	Electroweak parameters of the Z0 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
853	Observation of Five New Narrow χ_{c}^{0} States Decaying to $\chi_{c}^{+} K^{-}$. <i>Physical Review Letters</i> , 2017 , 118, 182001	7.4	154
852	Evidence for CP violation in time-integrated $D0 \rightarrow h^{+} h^{-}$ decay rates. <i>Physical Review Letters</i> , 2012 , 108, 111602	7.4	150
851	Strong constraints on the rare decays $B(s)(0) \rightarrow \mu^+ \mu^-$ and $B0 \rightarrow \mu^+ \mu^-$ <i>Physical Review Letters</i> , 2012 , 108, 231801	7.4	144
850	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
849	Angular analysis and differential branching fraction of the decay $B \rightarrow s \gamma \mu^+ \mu^-$ <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	138
848	Search for Lepton-Universality Violation in $B^{+} \rightarrow K^{*+} \mu^+ \mu^-$ Decays. <i>Physical Review Letters</i> , 2019 , 122, 191801	7.4	137
847	Measurement of the Ratio of the $B^{+} \rightarrow D^{*+} \mu^+ \mu^-$ and $B^{0} \rightarrow D^{*+} \mu^+ \mu^-$ Branching Fractions Using Three-Prong Lepton Decays. <i>Physical Review Letters</i> , 2018 , 120, 171802	7.4	126
846	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
845	Performance of the LHCb muon system. <i>Journal of Instrumentation</i> , 2013 , 8, P02022-P02022	1	120
844	Implications of LHCb measurements and future prospects. <i>European Physical Journal C</i> , 2013 , 73, 1	4.2	116
843	Measurement of the Ratio of Branching Fractions $B(B_{c}^{+} \rightarrow d \mu^+ \mu^-) / B(B_{c}^{+} \rightarrow d \mu^+ \mu^-)$. <i>Physical Review Letters</i> , 2018 , 120, 121801	7.4	109

842	Measurement of σ_{had}/s . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2010 , 694, 209-216	4.2	107
841	Test of lepton flavor universality by the measurement of the $B_0 \rightarrow D^* \mu^+ \mu^-$ branching fraction using three-prong τ decays. <i>Physical Review D</i> , 2018 , 97,	4.9	106
840	Measurement of the $B_{\text{s}}^{(0)} \rightarrow B^+ \mu^-$ Branching Fraction and Effective Lifetime and Search for $B^+ \rightarrow B^+ \mu^-$ Decays. <i>Physical Review Letters</i> , 2017 , 118, 191801	7.4	106
839	Search for heavy neutral and charged leptons in e^+e^- annihilation at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2001 , 517, 75-85	4.2	106
838	Measurement of b hadron production fractions in 7 TeV pp collisions. <i>Physical Review D</i> , 2012 , 85,	4.9	105
837	Observation of σ_{had}/s . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 707, 52-59	4.2	104
836	Differential branching fraction and angular analysis of the decay $B^0 \rightarrow K^* \mu^+ \mu^-$. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	99
835	Observation of J/ψ Structures Consistent with Exotic States from Amplitude Analysis of $B^+ \rightarrow \mu^+ K^+ \mu^-$ Decays. <i>Physical Review Letters</i> , 2017 , 118, 022003	7.4	98
834	Statistical hadronization model and transverse momentum spectra of hadrons in high energy collisions. <i>European Physical Journal C</i> , 2002 , 23, 551-583	4.2	98
833	Measurement of the CP-violating phase $\arg(\lambda_{cb})$ in the decay $B(s)^0 \rightarrow e^+ \mu^-$. <i>Physical Review Letters</i> , 2012 , 108, 101803	7.4	95
832	Evidence for Exotic Hadron Contributions to $B^+ \rightarrow \mu^+ \mu^-$ Decays. <i>Physical Review Letters</i> , 2016 , 117, 082003	7.4	91
831	Measurement of σ_{had}/s polarization in collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2013 , 73, 2631	4.2	87
830	Differential branching fraction and angular analysis of the decay $(B_s^0) \rightarrow e^+ \mu^-$. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	86
829	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
828	Model-Independent Evidence for J/ψ Contributions to $B^+ \rightarrow \mu^+ K^+$ Decays. <i>Physical Review Letters</i> , 2016 , 117, 082002	7.4	85
827	Exclusive J/ψ and (ψ) 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
826	Single- and multi-photon events with missing energy in e^+e^- collisions at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2004 , 587, 16-32	4.2	84
825	Measurement of production in collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2012 , 72, 2025	4.2	83

824	Measurement of the track reconstruction efficiency at LHCb. <i>Journal of Instrumentation</i> , 2015 , 10, P02007-P02007		
823	Updated measurements of exclusive J/ψ and $\psi(2S)$ production cross-sections in pp collisions at $\sqrt{s}=7\text{ TeV}$. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2014 , 41, 055002	2.9	83
822	Search for scalar leptons and scalar quarks at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2004 , 580, 37-49	4.2	80
821	Determination of the quark coupling strength $ V_{ub} $ using baryonic decays. <i>Nature Physics</i> , 2015 , 11, 743-747	1.4	79
820	Evidence for the decay $\Lambda_c^+ \rightarrow \Lambda e^+ \nu_e$. <i>Nuclear Physics B</i> , 2014 , 886, 665-680	2.8	79
819	Precision luminosity measurements at LHCb. <i>Journal of Instrumentation</i> , 2014 , 9, P12005-P12005	1	79
818	Measurement of the atmospheric muon spectrum from 20 to 3000 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2004 , 598, 15-32	4.2	79
817	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
816	First observation of CP violation in the decays of $B(s)_0$ mesons. <i>Physical Review Letters</i> , 2013 , 110, 221601	1.4	78
815	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
814	Search for Dark Photons Produced in 13 TeV pp Collisions. <i>Physical Review Letters</i> , 2018 , 120, 061801	7.4	75
813	Measurement of $\chi(958)$ 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
812	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
811	Observation of structure in the J/ψ pair mass spectrum. <i>Science Bulletin</i> , 2020 , 65, 1983-1993	10.6	71
810	Search for Majorana neutrinos in $B^- \rightarrow \mu^+ \mu^- \mu^-$ decays. <i>Physical Review Letters</i> , 2014 , 112, 131802	7.4	70
809	Dalitz plot analysis of $B_s^0 \rightarrow D^0 K^0$ decays. <i>Physical Review D</i> , 2014 , 90,	4.9	70
808	Measurement of CP violation in the phase space of $B^0 \rightarrow K^0 \mu^+ \mu^-$ and $B^0 \rightarrow K^+ K^-$ decays. <i>Physical Review Letters</i> , 2013 , 111, 101801	7.4	70
807	Observation of CP violation in $B^0 \rightarrow D^0 K^0$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 712, 203-212	4.2	69

806	Study of D J meson decays to D + π^0 and D * + final states in pp collisions. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	69
805	Observation of excited $\Lambda(0)$ baryons. <i>Physical Review Letters</i> , 2012 , 109, 172003	7.4	68
804	Higgs candidates in e+e interactions at \sqrt{s} GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000 , 495, 18-25	4.2	68
803	Measurement of CP violation and the Bs0 meson decay width difference with Bs0 \rightarrow π^0 K and Bs0 \rightarrow π^0 π^0 decays. <i>Physical Review D</i> , 2013 , 87,	4.9	66
802	First observation of Bs0 \rightarrow π^0 (980) decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 698, 115-122	4.2	66
801	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
800	Search for Hidden-Sector Bosons in B(0) \rightarrow π^0 π^0 Decays. <i>Physical Review Letters</i> , 2015 , 115, 161802	7.4	65
799	Search for Structure in the B _s ⁰ π^0 Invariant Mass Spectrum. <i>Physical Review Letters</i> , 2016 , 117, 152003	7.4	64
798	Differential branching fraction and angular analysis of the B + \rightarrow π^0 π^0 decay. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	63
797	Measurement of (2) meson production in collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2012 , 72, 2100	4.2	63
796	Measurement of CP violation in the phase space of B _s ⁰ \rightarrow π^0 K ⁺ π^0 and B _s ⁰ \rightarrow π^0 π^0 decays. <i>Physical Review Letters</i> , 2014 , 112, 011801	7.4	61
795	Observation of overlapping spin-1 and spin-3 D0K ⁻ resonances at mass 2.86 GeV/c ² . <i>Physical Review Letters</i> , 2014 , 113, 162001	7.4	61
794	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
793	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
792	Search for doubly-charged Higgs bosons at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2003 , 576, 18-28	4.2	60
791	Search for A ⁺ \rightarrow π^0 π^0 Decays. <i>Physical Review Letters</i> , 2020 , 124, 041801	7.4	60
790	Measurement of the isospin asymmetry in B \rightarrow π^0 π^0 decays. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	59
789	Analysis of the resonant components in B _s ⁰ \rightarrow π^0 π^0 <i>Physical Review D</i> , 2012 , 86,	4.9	59

788	Production of J/ψ and (ψ') mesons in pp collisions at $(\sqrt{s}=8)$ TeV. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5-4	58
787	Search for the rare decays $B_s^0 \rightarrow \mu^+ \mu^-$ and $B^0 \rightarrow \mu^+ \mu^-$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 699, 330-340	4-2	58
786	Determination of B_s from hadronic event shapes measured on the Z0 resonance. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992 , 284, 471-481	4-2	58
785	Measurement of the $\Lambda_b(0)$, $\Lambda_b(-)$, and $\Lambda_b((-)$ Baryon masses. <i>Physical Review Letters</i> , 2013 , 110, 182001	7-4	57
784	Amplitude analysis of $B^+ \rightarrow \mu^+ K^+$ decays. <i>Physical Review D</i> , 2017 , 95,	4-9	56
783	Performance of the Muon Identification at LHCb. <i>Journal of Instrumentation</i> , 2013 , 8, P10020-P10020	1	56
782	Measurement of $\Delta\Gamma$ and a new limit for $\Delta\Gamma$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997 , 396, 327-337	4-2	56
781	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
780	Observation of the decay $B(c)^+ \rightarrow \mu^+ B(s)^0$. <i>Physical Review Letters</i> , 2013 , 111, 181801	7-4	55
779	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
778	Search for the X(4140) state in $B^+ \rightarrow \mu^+ K^+$ decays. <i>Physical Review D</i> , 2012 , 85,	4-9	55
777	Search for single top production at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2002 , 549, 290-300	4-2	55
776	Differential branching fraction and angular analysis of $B^0 \rightarrow \mu^+ \mu^-$ decays. <i>Journal of High Energy Physics</i> , 2015 , 2015,	5-4	54
775	Measurement of resonant and CP components in $B^0 \rightarrow \mu^+ \mu^-$ decays. <i>Physical Review D</i> , 2014 , 89,	4-9	54
774	First Observation of the Doubly Charmed Baryon Decay $\Lambda_{cc}^{++} \rightarrow \mu^+ \Lambda_c^+ \mu^+$. <i>Physical Review Letters</i> , 2018 , 121, 162002	7-4	54
773	Precision measurement of CP violation in $B(S)^0 \rightarrow \mu^+ K^-$ decays. <i>Physical Review Letters</i> , 2015 , 114, 041801	7-4	53
772	Dalitz plot analysis of $B^0 \rightarrow \mu^+ \mu^-$ decays. <i>Physical Review D</i> , 2015 , 92,	4-9	53
771	Measurements of $B(c)^+$ production and mass with the $B(c)^+ \rightarrow \mu^+ B$ decay. <i>Physical Review Letters</i> , 2012 , 109, 232001	7-4	53

770	Measurement of the resonant and CP components in $B_{(s)}^0 \rightarrow \pi^0 \pi^0$ decays. <i>Physical Review D</i> , 2014 , 90,	4.9	52
769	Search for heavy isosinglet neutrino in e^+e^- annihilation at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2001 , 517, 67-74	4.2	52
768	Observation of CP Violation in Charm Decays. <i>Physical Review Letters</i> , 2019 , 122, 211803	7.4	51
767	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
766	Measurement of inclusive production of neutral hadrons from Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1994 , 328, 223-233	4.2	51
765	Observation of a New $\chi_{(b)}^{\{-\}}$ Resonance. <i>Physical Review Letters</i> , 2018 , 121, 072002	7.4	50
764	First observation of the decay $B(c)^+ \rightarrow e^+ J/\psi \pi^+$. <i>Physical Review Letters</i> , 2012 , 108, 251802	7.4	50
763	Measurement of cross sections and leptonic forward-backward asymmetries at the Z pole and determination of electroweak parameters. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1994 , 62, 551-573		50
762	Precision measurement of the $B_{(s)}^0 \rightarrow \pi^0 \pi^0$ oscillation frequency with the decay $B_{(s)}^0 \rightarrow \pi^0 \pi^0$. <i>New Journal of Physics</i> , 2013 , 15, 053021	2.9	49
761	Analysis of the resonant components in $B_{(s)}^0 \rightarrow \pi^0 \pi^0$. <i>Physical Review D</i> , 2013 , 87,	4.9	49
760	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
759	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
758	Search for long-lived scalar particles in $B^+ \rightarrow K^+ \pi^0$ decays. <i>Physical Review D</i> , 2017 , 95,	4.9	48
757	Precision measurement of D meson mass differences. <i>Journal of High Energy Physics</i> , 2013 , 2013,	5.4	48
756	Search for manifestations of new physics in fermion-pair production at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000 , 489, 81-92	4.2	48
755	Measurements of the S-wave fraction in $B^0 \rightarrow \pi^+ \pi^- \pi^0$ decays and the $B^0 \rightarrow \pi^+ \pi^- \pi^0$ differential branching fraction. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	48
754	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
753	Measurements of CP violation in the three-body phase space of charmless $B_{(s)}^0$ decays. <i>Physical Review D</i> , 2014 , 90,	4.9	47

752	Searches for Majorana neutrinos in B^0 decays. <i>Physical Review D</i> , 2012 , 85,	4.9	47
751	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
750	Observation of $B_c^+ \rightarrow D_s^+ \ell^+ \nu_\ell$ and $B_c^+ \rightarrow D_s^{*+} \ell^+ \nu_\ell$ decays. <i>Physical Review D</i> , 2013 , 87,	4.9	46
749	Search for new physics in energetic single photon production in e^+e^- annihilation at the Z resonance. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997 , 412, 201-209	4.2	46
748	Measurements of the cross sections for open charm and beauty production in Υ collisions at $\sqrt{s}=189 \pm 0.2$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2001 , 503, 10-20	4.2	46
747	Measurement of matter-antimatter differences in beauty baryon decays. <i>Nature Physics</i> , 2017 , 13, 391-396.	6.2	45
746	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
745	Observation of D^0 - \bar{D}^0 oscillations. <i>Physical Review Letters</i> , 2013 , 110, 101802	7.4	45
744	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
743	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
742	Amplitude analysis of $B^0 \rightarrow \pi^+ \pi^-$ decays. <i>Physical Review D</i> , 2016 , 94,	4.9	45
741	Measurement of the Lifetime of the Doubly Charmed Baryon Ξ_{cc}^{++} . <i>Physical Review Letters</i> , 2018 , 121, 052002	7.4	44
740	Standard model Higgs boson with the L3 experiment at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2001 , 517, 319-331	4.2	44
739	Search for neutral Higgs boson production through the process $e^+e^- \rightarrow Z^* H^0$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1996 , 385, 454-470	4.2	44
738	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
737	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
736	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
735	Observation of a resonance in $B^+ \rightarrow K^+ \pi^+ \pi^-$ decays at low recoil. <i>Physical Review Letters</i> , 2013 , 111, 112003.	7.4	43

734	Study of the hadronic photon structure function F_2 at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998 , 436, 403-416	4.2	43
733	$f_1(1285)$ formation in two-photon collisions at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2002 , 526, 269-277	4.2	43
732	Search for neutralinos in Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995 , 350, 109-119	4.2	43
731	Measurement of CP asymmetry in $D^0 \rightarrow K^+ K^-$ and $D^0 \rightarrow \pi^+ \pi^-$ decays. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	42
730	Measurement of the $B_s^0 \rightarrow B^0$ oscillation frequency Δm_s in $B_s^0 \rightarrow D_s(B) \pi$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 709, 177-184	4.2	42
729	Measurement of the exclusive π production cross-section in pp collisions at ($\sqrt{s}=7$) TeV and 8 TeV. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	42
728	Measurement of the ratio of prompt π . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 718, 431-440	4.2	42
727	First observation of the decay $B_s^{*2}(5840)(0) \rightarrow B^{*+} K^-$ and studies of excited $B_s(0)$ mesons. <i>Physical Review Letters</i> , 2013 , 110, 151803	7.4	42
726	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> , 2004 , 586, 151-166	4.2	42
725	Isolated hard photon emission in hadronic Z0 decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992 , 292, 472-484	4.2	42
724	Measurement of the $[\text{Formula: see text}]$ production cross-section in proton-proton collisions via the decay $[\text{Formula: see text}]$. <i>European Physical Journal C</i> , 2015 , 75, 311	4.2	41
723	Search for the doubly charmed baryon (Ξ_{cc}^{++}). <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	41
722	Measurements of the $B^0 \rightarrow \pi^0 \pi^0$ decay amplitudes and the B^0 polarisation in pp collisions at $\sqrt{s}=7$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 724, 27-35	4.2	41
721	Measurement of the cross-section ratio $\sigma(B^0 \rightarrow \pi^0 \pi^0) / \sigma(B^0 \rightarrow \pi^+ \pi^-)$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 714, 215-223	4.2	41
720	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
719	Search for the Decays $B_{s1}^0 \rightarrow B^+ \pi^-$ and $B^0 \rightarrow B^+ \pi^-$. <i>Physical Review Letters</i> , 2017 , 118, 251802	7.4	40
718	Search for anomalous Z $\rightarrow e^+e^-$ events at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995 , 345, 609-616	4.2	40
717	Study of the structure of hadronic events and determination of σ_B at $s = 130$ GeV and 136 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1996 , 371, 137-148	4.2	40

716	Measurement of the Mass Difference Between Neutral Charm-Meson Eigenstates. <i>Physical Review Letters</i> , 2019 , 122, 231802	7.4	39
715	Opposite-side flavour tagging of mesons at the LHCb experiment. <i>European Physical Journal C</i> , 2012 , 72, 2022	4.2	39
714	Differential branching fraction and angular analysis of the decay $B_0 \rightarrow K^* \mu^+ \mu^-$. <i>Physical Review Letters</i> , 2012 , 108, 181806	7.4	39
713	Cross section of hadron production in e^+e^- collisions at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997 , 408, 450-464	4.2	39
712	Measurement of the cross-section for the process $e^+e^- \rightarrow \text{hadrons}$ at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999 , 453, 333-342	4.2	39
711	Light resonances in $K^0_S K^0_S$ and $K^0_S \pi^0$ final states in e^+e^- collisions at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2001 , 501, 1-11	4.2	38
710	$K^0_S K^0_S$ final state in two-photon collisions and implications for glueballs. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2001 , 501, 173-182	4.2	38
709	Search for charged Higgs bosons at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2003 , 575, 208-220	4.2	37
708	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
707	First observation of the decay $(B_c^+ \rightarrow \{J \text{ left/ } \{\{\psi \{K^+\}\}\} \text{ right.}\})$. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	36
706	Single and multi-photon events with missing energy in e^+e^- collisions at $s = 189$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999 , 470, 268-280	4.2	36
705	High mass photon pairs in e^+e^- events at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992 , 295, 337-346	4.2	36
704	Measurement of from hadronic decays of the Z. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993 , 307, 237-246	4.2	36
703	Search for massive long-lived particles decaying semileptonically in the LHCb detector. <i>European Physical Journal C</i> , 2017 , 77, 224	4.2	35
702	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
701	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
700	Observation of two new $\Lambda(b)(-)$ baryon resonances. <i>Physical Review Letters</i> , 2015 , 114, 062004	7.4	35
699	First observation of the decay $B^+ \rightarrow \mu^+ \pi^0$. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	35

698	Search for lepton number violating decays $B^+ \rightarrow \ell^+ \mu^+ \mu^-$ and $B^+ \rightarrow \ell^+ \tau^+ \tau^-$. <i>Physical Review Letters</i> , 2012 , 108, 101601	7.4	35
697	Search for branons at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2004 , 597, 145-154	4.2	35
696	Amplitude analysis of the $B^+ \rightarrow D^+ D^0$ decay. <i>Physical Review D</i> , 2020 , 102,	4.9	34
695	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
694	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
693	Quantum numbers of the X(3872) state and orbital angular momentum in its J/ψ decay. <i>Physical Review D</i> , 2015 , 92,	4.9	34
692	Measurement of D^0 - \bar{D}^0 mixing parameters and search for CP violation using $D^0 \rightarrow \ell^+ \ell^-$ decays. <i>Physical Review Letters</i> , 2013 , 111, 251801	7.4	34
691	Absolute luminosity measurements with the LHCb detector at the LHC. <i>Journal of Instrumentation</i> , 2012 , 7, P01010-P01010	1	34
690	Total cross section in e^+e^- collisions at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2001 , 519, 33-45	4.2	34
689	Study of the $D^0 \rightarrow \rho^+ \pi^-$ amplitude in $B^0 \rightarrow D^0 \rho^+ \pi^-$ decays. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	33
688	Measurement of the CP-violating phase ϕ_1 in $B^0 \rightarrow \rho^+ \pi^-$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 736, 186-195	4.2	33
687	Measurement of the CKM angle Γ from a combination of $B^0 \rightarrow D^0 h^0$ analyses. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 726, 151-163	4.2	33
686	Study of χ_{c0} 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
685	Measurement of the ϕ_1 . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 713, 186-195	4.2	33
684	Search for R-parity violating decays of supersymmetric particles in e^+e^- collisions at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2002 , 524, 65-80	4.2	33
683	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
682	Identification of beauty and charm quark jets at LHCb. <i>Journal of Instrumentation</i> , 2015 , 10, P06013-P06013		32
681	Measurement of the χ_{c0} meson lifetime using $\chi_{c0} \rightarrow \gamma \chi_{c0}$ decays. <i>European Physical Journal C</i> , 2014 , 74, 2839	4.2	32

680	Precision measurement of the $B(0)$ baryon lifetime. <i>Physical Review Letters</i> , 2013 , 111, 102003	7.4	32
679	Amplitude analysis and branching fraction measurement of $B \rightarrow 0\text{-}d/\bar{B} \rightarrow K$ <i>Physical Review D</i> , 2013 , 87,	4.9	32
678	Search for the standard model Higgs boson in $e+e$ interactions at. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997 , 411, 373-386	4.2	32
677	QCD studies and determination of B_s in $e+e$ collisions at and 172 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997 , 404, 390-402	4.2	32
676	Measurement of the inclusive charmless semileptonic branching fraction of beauty hadrons and a determination of $ V_{ub} $ at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998 , 436, 174-186	4.2	32
675	Study of the $W+W$ process and limits on anomalous quartic gauge boson couplings at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2002 , 527, 29-38	4.2	32
674	A measurement of ρ polarization in $Z0$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992 , 294, 466-478	4.2	32
673	Search for a Z' at the Z resonance. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993 , 306, 187-196	4.2	32
672	Measurements of long-range near-side angular correlations in $\sqrt{s}=5\text{TeV}$ 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
671	Measurement of the relative rate of prompt τ_0 , τ_1 and τ_2 production at ($\sqrt{s}=7$) TeV. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	31
670	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
669	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
668	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
667	Measurement of the. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 718, 902-909	4.2	31
666	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</i> , 1997 , 398, 223-238	4.2	31
665	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
664	Determination of B_s from hadronic event shapes in $e+e$ annihilation at $192\text{?}208$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2002 , 536, 217-228	4.2	31
663	Search for lepton flavour violation in Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993 , 316, 427-434	4.2	31

662	Study of the kinematic dependences of D^0 b production in pp collisions and a measurement of the D^0 b \rightarrow c \bar{D}^0 branching fraction. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	30
661	Search for $D(s)^+ \rightarrow \mu^+ \mu^+ \bar{D}$ and $D(s)^+ \rightarrow \mu^+ \mu^- \bar{D}$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 724, 203-212	4.2	30
660	First observation and amplitude analysis of the $B^0 \rightarrow K^0 \pi^0$ decay. <i>Physical Review D</i> , 2015 , 91,	4.9	30
659	Precision measurement of the mass and lifetime of the $\Lambda_b(0)$ baryon. <i>Physical Review Letters</i> , 2014 , 113, 032001	7.4	30
658	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
657	Observation of the D^0 b \rightarrow e \bar{D}^0 decay. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	29
656	Observation of photon polarization in the $b \rightarrow s \gamma$ transition. <i>Physical Review Letters</i> , 2014 , 112, 161801	7.4	29
655	Search for the rare decays $B \rightarrow \mu^+ \mu^- \gamma$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 708, 55-67	4.2	29
654	Measurement of the ratio of branching fractions $B(B^0 \rightarrow K^0 \pi^0)/B(B^0 \rightarrow \pi^0 \pi^0)$ and the direct CP asymmetry in $B^0 \rightarrow K^0 \pi^0$. <i>Nuclear Physics B</i> , 2013 , 867, 1-18	2.8	29
653	Search for direct CP violation in $B \rightarrow \mu^+ \mu^- \gamma$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 723, 33-43	4.2	29
652	Measurement of the differential branching fraction of the decay $B \rightarrow \mu^+ \mu^- \gamma$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 725, 25-35	4.2	29
651	The Q ² 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
650	Measurement of the strong coupling constant α_S for bottom quarks at the Z ⁰ resonance. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1991 , 271, 461-467	4.2	29
649	Observation of Two Resonances in the $B^0 \rightarrow \mu^+ \mu^- \gamma$ Systems and Precise Measurement of $B^0 \rightarrow \mu^+ \mu^- \gamma$ and $B^0 \rightarrow \mu^+ \mu^- \gamma$ Properties. <i>Physical Review Letters</i> , 2019 , 122, 012001	7.4	29
648	Measurement of the semileptonic CP asymmetry in $B^0 \rightarrow B^0 \pi^0$ mixing. <i>Physical Review Letters</i> , 2015 , 114, 041601	7.4	28
647	Measurement of J/ ψ production in pp collisions at ($\sqrt{s}=2.76$;mathrm{TeV}). <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	28
646	Observation of the decay $B_c^+ \rightarrow \mu^+ \pi^0$. <i>Physical Review D</i> , 2013 , 87,	4.9	28
645	Measurement of energetic single-photon production at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995 , 346, 190-198	4.2	28

644	A measurement of ρ polarization at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1994 , 341, 245-256	4.2	28
643	A direct determination of the number of light neutrino families from at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992 , 275, 209-221	4.2	28
642	Study of prompt D^0 meson production in pPb collisions at $(\sqrt{s_{\mathrm{NN}}})=5$ TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	27
641	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
640	Study of (\varUpsilon) production and cold nuclear matter effects in pPb collisions at $(\sqrt{s_{\mathrm{NN}}}) = 5$ TeV. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	27
639	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
638	First measurement of the differential branching fraction and CP asymmetry of the $B \rightarrow \pi \pi$ decay. <i>Journal of High Energy Physics</i> , 2015 , 2015,	5.4	27
637	Measurement of the cross section of W-boson pair production at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2004 , 600, 22-40	4.2	27
636	Measurement of the forward-backward asymmetries at the Z0 resonance. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992 , 292, 454-462	4.2	27
635	Prompt and nonprompt J/ψ production and nuclear modification in pPb collisions at $\sqrt{s_{\mathrm{NN}}}=8.16$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017 , 774, 159-178	4.2	26
634	Measurement of b hadron fractions in 13 TeV pp collisions. <i>Physical Review D</i> , 2019 , 100,	4.9	26
633	Search for long-lived particles decaying to jet pairs. <i>European Physical Journal C</i> , 2015 , 75, 152	4.2	26
632	Precision measurement of the mass and lifetime of the Λ_b^0 baryon. <i>Physical Review Letters</i> , 2014 , 113, 242002	7.4	26
631	Measurement of the mass and the width of the W boson at LEP. <i>European Physical Journal C</i> , 2006 , 45, 569-587	4.2	26
630	Measurement of exclusive $\pi\pi$ production in two-photon collisions at high Q^2 at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2003 , 568, 11-22	4.2	26
629	Searches for scalar quarks in e^+e^- interactions at $s=189$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999 , 471, 308-320	4.2	26
628	Evidence for an resonance in decays. <i>European Physical Journal C</i> , 2018 , 78, 1019	4.2	26
627	Measurement of the phase difference between short- and long-distance amplitudes in the $[B \rightarrow \pi\pi]$ decay. <i>European Physical Journal C</i> , 2017 , 77, 161	4.2	25

626	Model-Independent Study of Structure in $B^{\{+,-\}}-D^{\{+,-\}}K^{\{+,-\}}$ Decays. <i>Physical Review Letters</i> , 2020 , 125, 242001	7.4	25
625	Measurement of the Difference of Time-Integrated CP Asymmetries in $D^{\{0,-\}}-K^{\{+,-\}}K^{\{+,-\}}$ and $D^{\{0,-\}}-B^{\{+,-\}}K^{\{+,-\}}$ Decays. <i>Physical Review Letters</i> , 2016 , 116, 191601	7.4	25
624	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
623	Evidence for the decay $B^0 \rightarrow J/\psi D$ and measurement of the relative branching fractions of B_s^0 meson decays to $J/\psi D$ and $J/\psi \bar{D}$. <i>Nuclear Physics B</i> , 2013 , 867, 547-566	2.8	25
622	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
621	Model-independent confirmation of the $Z(4430)$ state. <i>Physical Review D</i> , 2015 , 92,	4.9	25
620	Measurement of the lifetime of the B_c^+ meson using the $B_c^+ \rightarrow \mu^+ \bar{\nu}_\mu$ decay mode. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015 , 742, 29-37	4.2	25
619	Studies of beauty baryon decays to $D^0 p h^{\pm}$ and $\bar{D}^0 h^{\pm}$ final states. <i>Physical Review D</i> , 2014 , 89,	4.9	25
618	Search for the lepton-flavor-violating decays $B(s)0 \rightarrow e^{\pm} \mu^{\mp}$ and $B0 \rightarrow e^{\pm} \mu^{\mp}$. <i>Physical Review Letters</i> , 2013 , 111, 141801	7.4	25
617	First observation of $B^{\pm} \rightarrow D_s^{\mp} X$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 698, 14-20	4.2	25
616	Measurement of hadron and lepton-pair production at GeV at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000 , 479, 101-117	4.2	25
615	Tests of QED at LEP energies using $e^+e^- \rightarrow \mu^+\mu^-$ and $e^+e^- \rightarrow \tau^+\tau^-$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995 , 353, 136-144	4.2	25
614	Measurement of hadron and lepton-pair production at at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1996 , 370, 195-210	4.2	25
613	Search for supersymmetric particles at 130 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1996 , 377, 289-303	4.2	25
612	Inclusive J production in Z^0 decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992 , 288, 412-420	4.2	25
611	Searches for non-minimal Higgs bosons in Z^0 decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992 , 294, 457-465	4.2	25
610	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
609	Measurement of charged particle multiplicities in pp collisions at $(\sqrt{s}=7 \sim 8 \text{ TeV})$ in the forward region. <i>European Physical Journal C</i> , 2012 , 72, 1	4.2	24

608	Measurement of the CP -violating phase $\arg(V_{cb}V_{cd}^*)$ 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
607	First observation of a baryonic B_c^+ decay. <i>Physical Review Letters</i> , 2014 , 113, 152003	7.4	24
606	Study of D_{s1} decays to $D^+K_{\text{S}}^0$ and D^0K^+ final states in pp collisions. <i>Journal of High Energy Physics</i> , 2012 , 2012,	5.4	24
605	B^* production in Z decays at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995 , 345, 589-597	4.2	24
604	Measurement of the inclusive $b \rightarrow \bar{c}$ branching ratio. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1994 , 332, 201-208	4.2	24
603	Measurement of Υ production in pp collisions at $\sqrt{s} = 2.76 \text{ TeV}$. <i>European Physical Journal C</i> , 2014 , 74,	4.2	23
602	Search for the rare decay $D^0 \rightarrow \pi^0 \pi^0$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 725, 15-24	4.2	23
601	Measurement of the shape of the $B^0 \rightarrow \pi^0 \pi^0$ differential decay rate. <i>Physical Review D</i> , 2017 , 96,	4.9	23
600	Updated search for long-lived particles decaying to jet pairs. <i>European Physical Journal C</i> , 2017 , 77, 812	4.2	23
599	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
598	Measurement of prompt hadron production ratios in pp collisions at $\sqrt{s} = 0.9 \text{ TeV}$ and 7 TeV . <i>European Physical Journal C</i> , 2012 , 72, 1	4.2	23
597	Determination of $f(s)/f(d)$ for 7 TeV pp collisions and measurement of the $B^0 \rightarrow \bar{D}^+ K^+$ branching fraction. <i>Physical Review Letters</i> , 2011 , 107, 211801	7.4	23
596	Single and multi-photon events with missing energy in e^+e^- collisions at GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998 , 444, 503-515	4.2	23
595	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
594	Search for the lepton flavour violating decay $\mu \rightarrow e \gamma$. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	22
593	Search for Violations of Lorentz Invariance and CPT Symmetry in $B_{(s)}$ Mixing. <i>Physical Review Letters</i> , 2016 , 116, 241601	7.4	22
592	Observation of New Resonances in the $[b]^{(0)}[c]^{(+)}$ System. <i>Physical Review Letters</i> , 2019 , 123, 152001	7.4	22
591	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

590	First observation of the decay . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 709, 50-58	4.2	22
589	Measurement of the $B^0 \rightarrow e^+ e^-$ branching fraction at low dilepton mass. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	22
588	Observation of the Decays $B^0 \rightarrow c1 p K^-$ and $B^0 \rightarrow c2 p K^-$. <i>Physical Review Letters</i> , 2017 , 119, 062001	7.4	22
587	Measurement of CP Violation in $B^0 \rightarrow S^0$ Decays. <i>Physical Review Letters</i> , 2015 , 115, 031601	7.4	22
586	Measurement of the forward-backward asymmetry in $Z/\gamma \rightarrow e^+ e^-$ decays and determination of the effective weak mixing angle. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	22
585	Measurement of the $B^0 \rightarrow B^0$ and $B^0 \rightarrow B_s^0$ 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
584	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
583	Observation of $B^0 \rightarrow D^0 K^+ K^-$ and evidence for $B(s) \rightarrow D^0 K^+ K^-$. <i>Physical Review Letters</i> , 2012 , 109, 131801	7.4	22
582	Search for charginos with a small mass difference to the lightest supersymmetric particle at $\sqrt{s} = 189$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000 , 482, 31-42	4.2	22
581	Determination of the number of light neutrino species. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992 , 292, 463-471	4.2	22
580	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
579	Forward production of mesons in pp collisions at ($\sqrt{s}=7$) and 8 TeV. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	21
578	Study of Beauty Hadron Decays into Pairs of Charm Hadrons. <i>Physical Review Letters</i> , 2014 , 112,	7.4	21
577	Measurement of the CP asymmetry in $B^0 \rightarrow K^* \rho^+ \rho^-$ decays. <i>Physical Review Letters</i> , 2013 , 110, 031801	7.4	21
576	Single and multi-photon events with missing energy in e^+e^- collisions at. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997 , 415, 299-310	4.2	21
575	Search for a Higgs boson decaying into two photons at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2002 , 534, 28-38	4.2	21
574	Measurement of Bose-Einstein correlations in $e^+e^- \rightarrow W^+W^-$ events at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2002 , 547, 139-150	4.2	21
573	Search for excited leptons at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2003 , 568, 23-34	4.2	21

572	Measurement of the shadowing of high-energy cosmic rays by the Moon: A search for TeV-energy antiprotons. <i>Astroparticle Physics</i> , 2005 , 23, 411-434	2.4	21
571	Measurement of the photon structure function at high Q ² at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000 , 483, 373-386	4.2	21
570	QCD studies in e ⁺ e ⁻ annihilation from 30 GeV to 189 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000 , 489, 65-80	4.2	21
569	Formation of the \bar{D} 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
568	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
567	An improved measurement of B _D -B _D mixing in Z ⁰ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992 , 288, 395-403	4.2	21
566	A test of quantum electrodynamics in the reaction e ⁺ e ⁻ → $\gamma^* \rightarrow \mu^+\mu^-$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992 , 288, 404-411	4.2	21
565	Search for beautiful tetraquarks in the $\psi(1S)$ invariant-mass spectrum. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	21
564	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
563	Observation of the decay $(B_c^{+}) \rightarrow \mu^+ K^0$. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	20
562	Study of J/ψ Production in Jets. <i>Physical Review Letters</i> , 2017 , 118, 192001	7.4	20
561	Angular analysis of the B _D → $\mu^+ e^- \bar{\nu}_e$ decay in the low-q ² region. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	20
560	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
559	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
558	Measurements of the branching fractions for B(s) → $\pi^0 \pi^0$ and B _D → $\pi^0 \pi^0$. <i>Physical Review D</i> , 2011 , 84,	4.9	20
557	Prompt π^0 . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2010 , 693, 69-80. 4.2	4.2	20
556	Measurements of mass, width and gauge couplings of the W boson at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997 , 413, 176-190	4.2	20
555	A model for RPC detectors operating at high rate. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2003 , 498, 135-142 ^{1.2}	1.2	20

554	Measurement of $\langle R_{\text{b}} \rangle$ and $\langle \text{Br}(\text{b} \rightarrow \ell \text{numathrm{X}}) \rangle$ at LEP using double-tag methods. <i>European Physical Journal C</i> , 2000 , 13, 47-61	4.2	20
553	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
552	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
551	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
550	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
549	Search for neutral charmless B decays at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995 , 363, 127-136	4.2	20
548	Measurement of inclusive τ production in hadronic decays of the Z0. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992 , 286, 403-412	4.2	20
547	τ 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
546	Amplitude analysis of the $B^+ \rightarrow \pi^+ \pi^0$ decay. <i>Physical Review D</i> , 2020 , 101,	4.9	19
545	Measurements of the branching fractions of [Formula: see text] decays. <i>European Physical Journal C</i> , 2013 , 73, 2462	4.2	19
544	Model-independent search for CP violation in $B \rightarrow \pi \pi$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 726, 623-633	4.2	19
543	Measurement of the CKM angle α using $B \rightarrow \pi \pi$ with $D \rightarrow \pi S \pi$ decays. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	19
542	Measurement of the $B \rightarrow \pi \pi$ production cross-section in pp collisions at $(\sqrt{s}) = 7$ TeV. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	19
541	Measurements of the branching fractions and CP asymmetries of $B \rightarrow \pi \pi$ and $B \rightarrow \pi S \pi$ decays. <i>Physical Review D</i> , 2012 , 85,	4.9	19
540	First observations of $B \rightarrow \pi \pi$ and $D \rightarrow \pi \pi$ decays. <i>Physical Review D</i> , 2013 , 87,	4.9	19
539	Determination of the number of light neutrino species from single photon production at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998 , 431, 199-208	4.2	19
538	Measurement of the lifetime of the tau lepton. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000 , 479, 67-78	4.2	19
537	Search for charged Higgs bosons in e^+e^- collisions at centre-of-mass energies up to 202 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000 , 496, 34-42	4.2	19

536	B_s 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
535	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
534	Evidence of a J/ψ structure and observation of excited B states in the B → J/ψ K decay. <i>Science Bulletin</i> , 2021 , 66, 1278-1287	10.6	19
533	Observation of the Annihilation Decay Mode $B^0 \rightarrow K^+ K^-$. <i>Physical Review Letters</i> , 2017 , 118, 081801	7.4	18
532	Observation of an Excited B_{c^+} State. <i>Physical Review Letters</i> , 2019 , 122, 232001	7.4	18
531	Study of the lineshape of the $B_1(3872)$ state. <i>Physical Review D</i> , 2020 , 102,	4.9	18
530	First Observation of Excited B_b^+ States. <i>Physical Review Letters</i> , 2020 , 124, 082002	7.4	18
529	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
528	Measurement of the CP Asymmetry in $B_{s^0} \rightarrow B_{s^0}$ Mixing. <i>Physical Review Letters</i> , 2016 , 117, 061803	7.4	18
527	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 $(\Lambda_b^0 \rightarrow K_{\text{charm}}^0 \pi^+)$ decay. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	18
526	Angular analysis of charged and neutral $B \rightarrow K \pi$ decays. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	18
525	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
524	Measurement of relative branching fractions of decays to (2) and 1 mesons. <i>European Physical Journal C</i> , 2012 , 72, 2118	4.2	18
523	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
522	Measurement of the weak dipole moments of the B_c lepton. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998 , 426, 207-216	4.2	18
521	Study of anomalous ZZ and Z couplings at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998 , 436, 187-198	4.2	18
520	Search for anomalous couplings in the Higgs sector at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2004 , 589, 89-102	4.2	18
519	Double-tag events in two-photon collisions at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2002 , 531, 39-51	4.2	18

518	Search for an invisibly-decaying Higgs boson at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2005 , 609, 35-48	4.2	18
517	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
516	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
515	Search for non-minimal Higgs bosons in $Z \rightarrow 0$ decays. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1993 , 57, 355-381		18
514	Observation of the decay $B_s \rightarrow \mu^+ \mu^-$ and evidence for $B \rightarrow \mu^+ \mu^-$. <i>Physical Review D</i> , 2017 , 95,	4.9	17
513	First Measurement of Charm Production in its Fixed-Target Configuration at the LHC. <i>Physical Review Letters</i> , 2019 , 122, 132002	7.4	17
512	Measurement of the forward energy flow in collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2013 , 73, 2421	4.2	17
511	Study of W boson production in association with beauty and charm. <i>Physical Review D</i> , 2015 , 92,	4.9	17
510	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
509	Measurement of the CP-violating phase γ in $B_s(0) \rightarrow D_s(+/-) D_s(-/+)$ decays. <i>Physical Review Letters</i> , 2014 , 113, 211801	7.4	17
508	Observation of $B(s)(0) \rightarrow e^+e^- f_1(1285)$ decays and measurement of the $f_1(1285)$ mixing angle. <i>Physical Review Letters</i> , 2014 , 112, 091802	7.4	17
507	Measurement of the $B_b(3P)$ mass and of the relative rate of $B_b(1P)$ and $B_b(2P)$ production. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	17
506	Measurement of the fraction of $B(1S)$ originating from $B_b(1P)$ decays in pp collisions at $(\sqrt{s}=7, \text{TeV})$. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	17
505	Search for CP violation in $D^+ \rightarrow K^+ K^0$ decays. <i>Physical Review D</i> , 2011 , 84,	4.9	17
504	Measurement of the $B_s \rightarrow \mu^+ \mu^-$ branching fraction and angular amplitudes. <i>Physical Review D</i> , 2012 , 86,	4.9	17
503	Production of single W bosons at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997 , 403, 168-176	4.2	17
502	Measurement of hadron and lepton-pair production at at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997 , 407, 361-376	4.2	17
501	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

500	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
499	Bose-Einstein correlations of neutral and charged pions in hadronic Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2002 , 524, 55-64	4.2	17
498	Search for excited leptons in e+e- interactions at 202 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2001 , 502, 37-50	4.2	17
497	Measurement of the running of the fine-structure constant. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000 , 476, 40-48	4.2	17
496	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
495	Measurement of the B0-0 mixing parameter and the forward-backward asymmetry. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1994 , 335, 542-553	4.2	17
494	Observations of D b -K + and D b -K + K decays and searches for other D b and D b decays to B + h? final states. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	17
493	Study of Bc+ decays to the K+K0 final state and evidence for the decay Bc+-B0. <i>Physical Review D</i> , 2016 , 94,	4.9	17
492	Angular moments of the decay D b -K0 at low hadronic recoil. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	17
491	First Experimental Study of Photon Polarization in Radiative B_{s}^{0} Decays. <i>Physical Review Letters</i> , 2017 , 118, 021801	7.4	16
490	Search for CP violation in D0-B0 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
489	First Observation of D^{0}-D[overline{0}] Oscillations in D^{0}-K^{+}pi^{-}pi^{+}pi^{-} Decays and Measurement of the Associated Coherence Parameters. <i>Physical Review Letters</i> , 2016 , 116, 241801	7.4	16
488	Near-threshold (D overline{D}) spectroscopy and observation of a new charmonium state. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	16
487	Evidence for the decay (B_{c}^{+} to J left/ right). <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	16
486	Measurement of the effective Bs0-K+K0 lifetime. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 707, 349-356	4.2	16
485	Observation of B(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
484	Measurements of prompt charm production cross-sections in pp collisions at s = 5 TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017,	5.4	16
483	First observation of top quark production in the forward region. <i>Physical Review Letters</i> , 2015 , 115, 112001	4.1	16

482	Amplitude analysis of $B_0 \rightarrow \pi^0 K^+ \pi^-$ decays. <i>Physical Review D</i> , 2015 , 92,	4.9	16
481	Search for CP violation using T-odd correlations in $D^0 \rightarrow \pi^+ K^- \pi^0$ decays. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	16
480	Observations of χ_{c0} . <i>Nuclear Physics B</i> , 2013 , 871, 403-419	2.8	16
479	Measurement of the branching fractions of the decays $B_s^0 \rightarrow \pi^0 K^+ \pi^-$ and $B_0 \rightarrow \pi^0 K^+ \pi^-$. <i>Physical Review D</i> , 2013 , 87,	4.9	16
478	Observation of $B(s)(0) \rightarrow \rho(1525) \pi^+ \pi^-$ in $J/\psi \rightarrow K^- K^+$ final states. <i>Physical Review Letters</i> , 2012 , 108, 151801	7.4	16
477	Study of hadronic events and measurements of α_s between 30 and 91 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997 , 411, 339-353	4.2	16
476	K_S^0 and π^0 production in quark and gluon jets at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997 , 407, 389-401	4.2	16
475	Study of resonance formation in the mass region 1400–1500 MeV through the reaction $e^+e^- \rightarrow \pi^+ \pi^- \rho^0$. <i>Journal of High Energy Physics</i> , 2007 , 2007, 018-018	5.4	16
474	Flavour independent search for neutral Higgs bosons at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2004 , 583, 14-27	4.2	16
473	The $e^+e^- \rightarrow \pi^+ \pi^- \rho^0$ reaction at LEP and constraints on anomalous quartic gauge boson couplings. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2002 , 540, 43-51	4.2	16
472	Measurement of W polarisation at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2003 , 557, 147-156	4.2	16
471	Search for scalar leptons in e^+e^- collisions at $s=189$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999 , 471, 280-292	4.2	16
470	Study of the $K_S^0 K_S^0$ final state in two-photon collisions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995 , 363, 118-126	4.2	16
469	Search for excited leptons in e^+e^- annihilation at. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1996 , 370, 211-221	4.2	16
468	Measurement of the average lifetime of b hadrons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993 , 317, 474-484	4.2	16
467	Search for Higgs-like bosons decaying into long-lived exotic particles. <i>European Physical Journal C</i> , 2016 , 76, 664	4.2	16
466	Measurement of CP observables in $B_{\pm}^0 \rightarrow \pi^0 K_{\pm}^0$ and $B_{\pm}^0 \rightarrow \pi^0 \pi_{\pm}^0$ 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
465	Search for the lepton-flavour violating decays $B^0(s) \rightarrow e^+ \mu^- \pi^0$. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	15

464	Observation of Z production in proton-lead collisions at LHCb. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	15
463	Search for CP violation in the decay $B \rightarrow \pi \ell \ell$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 728, 585-595	4.2	15
462	Observation of the $B \rightarrow \pi \ell \ell$ decay. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017 , 772, 265-273	4.2	15
461	Bflavour tagging using charm decays at the LHCb experiment. <i>Journal of Instrumentation</i> , 2015 , 10, P10005-P10005		
460	Measurement of CP asymmetries in the decays $B^0 \rightarrow \pi^+ \pi^-$ and $B^+ \rightarrow \pi^+ \pi^0$. <i>Journal of High Energy Physics</i> , 2014 , 2014,	5.4	15
459	First measurement of the charge asymmetry in beauty-quark pair production. <i>Physical Review Letters</i> , 2014 , 113, 082003	7.4	15
458	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
457	Measurement of the polarization amplitudes in $B^0 \rightarrow \pi^+ \pi^- K^{*0}$ decays. <i>Physical Review D</i> , 2013 , 88,	4.9	15
456	Measurement of inclusive Λ and $\bar{\Lambda}$ production in hadronic Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997 , 393, 465-476	4.2	15
455	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> , 1998 , 431, 437-450	4.2	15
454	Production of single W bosons at LEP and measurement of WW gauge coupling parameters. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2002 , 547, 151-163	4.2	15
453	Z boson pair-production at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2003 , 572, 133-144	4.2	15
452	Inclusive charged hadron production in two-photon collisions at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2003 , 554, 105-114	4.2	15
451	Search for colour reconnection effects in $e^+e^- \rightarrow W^+W^-$ hadrons through particle-flow studies at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2003 , 561, 202-212	4.2	15
450	Search for the Standard Model Higgs boson in e^+e^- collisions at up to 202 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2001 , 508, 225-236	4.2	15
449	Measurement of the charm production cross section in τ collisions at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2001 , 514, 19-28	4.2	15
448	Measurement of the Michel parameters and the average τ neutrino helicity from τ decays in $e^+e^- \rightarrow \tau^+ \tau^-$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1996 , 377, 313-324	4.2	15
447	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

446	An S matrix analysis of the Z resonance. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993 , 315, 494-502	4.2	15
445	Study of the $\Xi(3823)$ and $\Xi(3872)$ states in $B^+ \rightarrow \Xi K^+$ decays. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	15
444	Observation of $\Lambda_b \rightarrow \Sigma^0 p K^+$ and $\Lambda_b \rightarrow \Sigma^+ n K^+$ decays and a measurement of the Λ_b baryon mass. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	15
443	Measurement of the properties of the Λ_b^0 baryon. <i>Journal of High Energy Physics</i> , 2016 , 2016,	5.4	15
442	Evidence for the decay $(B^+ \rightarrow \overline{K}^0 \mu^+ \mu^-)$. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	15
441	Precise measurements of the properties of the $B(5721)_{0,+}$ and $B^*(5747)_{0,+}$ states and observation of $B_{0,+}$ mass structures. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	14
440	Measurement of indirect CP asymmetries in $D^0 \rightarrow K^+ K^-$ and $D^0 \rightarrow K^+ K^0$ decays using semileptonic B decays. <i>Journal of High Energy Physics</i> , 2015 , 2015,	5.4	14
439	Precision measurement of the Ξ^+ , Ξ^0 , and Ξ^- baryon lifetimes. <i>Physical Review D</i> , 2019 , 100,	4.9	14
438	Search for CP violation in $D \rightarrow \overline{K}^0$ and $(D^+ \rightarrow K^+ \pi^0)$ decays. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	14
437	Study of $B_{(s)}^0 \rightarrow K_{(s)}^0 h^+ h^-$ 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
436	Observation of $B_{(s)}^0 \rightarrow \overline{B}^0$ mixing and measurement of mixing frequencies using semileptonic B decays. <i>European Physical Journal C</i> , 2013 , 73,	4.2	14
435	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
434	Observation of D^0 Meson Decays to $\Xi^+ \Xi^-$ and $K^+ K^-$ Final States. <i>Physical Review Letters</i> , 2017 , 119, 181805	7.4	14
433	Evidence for the Strangeness-Changing Weak Decay $\Xi^0 \rightarrow \Xi^-$. <i>Physical Review Letters</i> , 2015 , 115, 241801	7.4	14
432	Evidence for CP violation in $B^+ \rightarrow \overline{K}^0 p K^+$ decays. <i>Physical Review Letters</i> , 2014 , 113, 141801	7.4	14
431	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
430	First measurement of the CP-violating phase in $B_s(0) \rightarrow \overline{K}^0$ decays. <i>Physical Review Letters</i> , 2013 , 110, 241802	7.4	14
429	First observation of $B^0 \rightarrow \overline{K}^0 K^+$ and search for $B^0 \rightarrow \overline{K}^0$ decays. <i>Physical Review D</i> , 2013 , 88,	4.9	14

428	Search for rare $B(0) \rightarrow (\pi^+ \pi^-) (\pi^+ \pi^-)$ decays. <i>Physical Review Letters</i> , 2013 , 110, 211801	7.4	14
427	First observation of the decay $B \rightarrow \pi^+ \pi^- \pi^0$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 706, 32-39	4.2	14
426	Measurement of the $B \rightarrow \pi^0 \pi^0$ effective lifetime in the $J/\psi(980)$ final state. <i>Physical Review Letters</i> , 2012 , 109, 152002	7.4	14
425	Search for neutral B meson decays to two charged leptons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997 , 391, 474-480	4.2	14
424	Search for a Higgs boson decaying to weak boson pairs at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2003 , 568, 191-204	4.2	14
423	Measurement of Bose-Einstein correlations in $e^+e^- \rightarrow W^+W^- t \bar{t}$ at $\sqrt{s} = 1.8$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000 , 493, 233-248	4.2	14
422	Measurement of exclusive branching fractions of hadronic one-prong tau decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995 , 345, 93-102	4.2	14
421	One-prong π^0 decays with neutral kaons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995 , 352, 487-497	4.2	14
420	The L3 Silicon Microvertex Detector: installation and results on 1993 performance. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1995 , 360, 103-109	1.2	14
419	Angular Analysis of the $B^+ \rightarrow K^{*+} \pi^+ \pi^-$ Decay. <i>Physical Review Letters</i> , 2021 , 126, 161802	7.4	14
418	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
417	Amplitude Analysis of $B^+ \rightarrow \pi^+ K^+ K^-$ Decays. <i>Physical Review Letters</i> , 2019 , 123, 231802	7.4	14
416	Model-Independent Observation of Exotic Contributions to $B^0 \rightarrow \pi^+ \pi^-$ Decays. <i>Physical Review Letters</i> , 2019 , 122, 152002	7.4	13
415	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
414	Search for excited $B + c$ states. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	13
413	Studies of the resonance structure in $D^0 \rightarrow K_S^0 K^+ \pi^-$ decays. <i>Physical Review D</i> , 2016 , 93,	4.9	13
412	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
411	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

410	Observation of the decay $B_s^0 \rightarrow D^+ D_s^-$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 727, 403-411	4.2	13
409	Observation of $B_{c^+} \rightarrow D^+ K^+$ Decays. <i>Physical Review Letters</i> , 2017 , 118, 111803	7.4	13
408	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
407	Study of CP violation in $B^0 \rightarrow D^+ h^-$ ($h=K, \pi$) with the modes $D^+ K^0$, $D^+ \pi^0$ and $D^+ K^+ K^-$. <i>Physical Review D</i> , 2015 , 91,	4.9	13
406	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
405	Measurement of CP violation and constraints on the CKM angle $\sin 2\beta$ with $D^+ S^0$ decays. <i>Nuclear Physics B</i> , 2014 , 888, 169-193	2.8	13
404	Measurement of CP violation in $B_s^0 \rightarrow \pi^0$ decays. <i>Physical Review D</i> , 2014 , 90,	4.9	13
403	Measurement of the polarization amplitudes and triple product asymmetries in the $B^0 \rightarrow \pi^0 \pi^0$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 713, 369-377	4.2	13
402	Test of the ϵ model of Bose-Einstein correlations and reconstruction of the source function in hadronic Z-boson decay at LEP. <i>European Physical Journal C</i> , 2011 , 71, 1	4.2	13
401	Production of single W bosons in e^+e^- interactions at $130 \leq \sqrt{s} \leq 183$ GeV and limits on anomalous WW couplings. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998 , 436, 417-427	4.2	13
400	Measurement of the effective weak mixing angle by jet-charge asymmetry in hadronic decays of the Z boson. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998 , 439, 225-236	4.2	13
399	Measurement of genuine three-particle Bose-Einstein correlations in hadronic Z decay. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2002 , 540, 185-198	4.2	13
398	Search for neutral Higgs bosons of the minimal supersymmetric standard model in e^+e^- interactions at up to 209 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2002 , 545, 30-42	4.2	13
397	Measurement of charged-particle multiplicity distributions and their Hq moments in hadronic Z decays at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2003 , 577, 109-119	4.2	13
396	Measurement of the cross section for open-beauty production in photon-photon collisions at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2005 , 619, 71-81	4.2	13
395	Measurement of the $W+W$ cross section and direct limits on anomalous quartic gauge boson couplings at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000 , 490, 187-195	4.2	13
394	Measurement of the W-pair production cross section and W-decay branching fractions in e^+e^- interactions at $\sqrt{s} = 189$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000 , 496, 19-33	4.2	13
393	Search for the doubly charmed baryon (Ξ_{cc}^{++}) . <i>Science China: Physics, Mechanics and Astronomy</i> , 2020 , 63, 1	3.6	13

392	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
391	First study of the CP-violating phase and decay-width difference in $B_s^0 \rightarrow \rho^{\pm} \pi^{\mp}$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 762, 253-262	4.2	13
390	Search for the Lepton-Flavor-Violating Decays $B_{s,d} \rightarrow \ell^{\pm} \mu^{\mp}$ and $B^{\pm} \rightarrow \ell^{\pm} \mu^{\mp}$. <i>Physical Review Letters</i> , 2019 , 123, 211801	7.4	13
389	Central exclusive production of J/ψ and $\psi(2S)$ mesons in pp collisions at $s = 13$ TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018,	5.4	13
388	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
387	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
386	Test of lepton universality with ($\Lambda_b^0 \rightarrow p K^{\pm} \ell^{\mp} \ell^{\pm}$) decays. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	12
385	Measurement of CP violation parameters and polarisation fractions in ($B_{s,d}^0 \rightarrow J/\psi \overline{K}^{\pm} K^{\pm}$) decays. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	12
384	Observation of the decay $B^0 \rightarrow \rho^{\pm} K^{\mp}$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015 , 747, 484-494	4.2	12
383	Measurement of the $B_s(0) \rightarrow \rho^{\pm} D_s^{\mp}$ and $B_s(0) \rightarrow \rho^0 D_s^{\pm}$ effective lifetimes. <i>Physical Review Letters</i> , 2014 , 112, 111802	7.4	12
382	A study of CP violation in $B^0 \rightarrow \rho^{\pm} K^{\mp}$ and $B^0 \rightarrow \rho^0 K^{\pm}$ 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
381	Measurement of the ratio of branching fractions $B(B^0 \rightarrow \rho^0 K^0)/B(B_s^0 \rightarrow \rho^0 K^0)$. <i>Physical Review D</i> , 2012 , 85,	4.9	12
380	Measurement of the . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 713, 172-179	4.2	12
379	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
378	Measurement of ρ polarisation at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998 , 429, 387-398	4.2	12
377	Angular multiplicity fluctuations in hadronic Z decays and comparison to QCD models and analytical calculations. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998 , 428, 186-196	4.2	12
376	Upper limit on the lifetime difference of short- and long-lived B^0 s mesons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998 , 438, 417-429	4.2	12
375	χ and ψ pair production in two-photon collisions at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2002 , 536, 24-33	4.2	12

374	Transverse momentum spectra of identified particles in high energy collisions with statistical hadronisation model. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2001 , 92, 137-148		12
373	Measurement of the $e^+e^- \rightarrow \mu^+\mu^-$ cross section and determination of quartic gauge boson couplings at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000 , 478, 39-49	4.2	12
372	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
371	Search for the decays $B_d^0 \rightarrow \mu^+\mu^-$ and $B_s^0 \rightarrow \mu^+\mu^-$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995 , 363, 137-144	4.2	12
370	Measurement of μ production in untagged two-photon collisions at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993 , 318, 575-582	4.2	12
369	Measurement of the $(B_{d^+} - B_{d^0})$ oscillation frequency 1998 , 5, 195		12
368	Observation of the $B^0 \rightarrow \mu^+\mu^-$ decay. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 759, 282-292	4.2	12
367	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
366	Measurement of the Λ_c^+ Baryon Lifetime. <i>Physical Review Letters</i> , 2018 , 121, 092003	7.4	12
365	Measurement of CP asymmetry in $D^0 \rightarrow K^+K^-$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017 , 767, 177-187	4.2	11
364	Study of coherent J/ψ production in lead-lead collisions at $\sqrt{s_{NN}}=5\text{TeV}$ with the LHCb experiment. <i>Nuclear Physics A</i> , 2019 , 982, 247-250	1.3	11
363	Precision measurement of the (χ_{cc}^{++}) mass. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	11
362	Differential branching fraction and angular moments analysis of the decay $B^0 \rightarrow K^{*0} \mu^+\mu^-$ in the $K^{*0}(1430)^0$ region. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	11
361	Model-independent measurement of mixing parameters in $D^0 \rightarrow K^+K^- S^0$ decays. <i>Journal of High Energy Physics</i> , 2016 , 2016,	5.4	11
360	Measurement of the time-dependent CP asymmetry in $B^0 \rightarrow K^+K^- S^0$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 721, 24-31	4.2	11
359	Measurement of the CP Violation Parameter A_{CP} in $D^+ \rightarrow K^+K^-$ and $D^+ \rightarrow K^+K^0$ Decays. <i>Physical Review Letters</i> , 2017 , 118, 261803	7.4	11
358	Measurement of the branching fraction ratio $B(B_c^+ \rightarrow \mu^+\mu^-)/B(B_c^+ \rightarrow \mu^+\mu^-)$. <i>Physical Review D</i> , 2015 , 92,	4.9	11
357	Measurement of the time-integrated CP asymmetry in $D^0 \rightarrow K^+K^-$ decays. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	11

356	Measurement of CP violation parameters in $B_0 \rightarrow K^* 0$ decays. <i>Physical Review D</i> , 2014 , 90,	4.9	11
355	Measurement of the CP asymmetry in $B(+)-K(+)(+)(+)$ decays. <i>Physical Review Letters</i> , 2013 , 111, 151801	7.4	11
354	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
353	Inclusive D and $K_S 0$ production in two-photon collisions at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2002 , 524, 44-54	4.2	11
352	Measurement of the probability of gluon splitting into charmed quarks in hadronic Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000 , 476, 243-255	4.2	11
351	Search for anomalous ZZ and $Z\gamma$ couplings in the process $e^+e^- \rightarrow Z\gamma$ at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000 , 489, 55-64	4.2	11
350	Searches for scalar top and scalar bottom quarks in e^+e^- interactions at 161 GeV and 83 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999 , 445, 428-438	4.2	11
349	Measurement of the $e^+e^- \rightarrow b\bar{b}$ 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
348	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
347	Evidence for gluon interference in hadronic Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995 , 353, 145-154	4.2	11
346	Search for new particles in hadronic events with isolated photons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1996 , 388, 409-418	4.2	11
345	Determination of quark electroweak couplings from direct photon production in hadronic Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993 , 301, 136-144	4.2	11
344	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
343	The solar flare of the 14th of July 2000 (L3+C detector results). <i>Astronomy and Astrophysics</i> , 2006 , 456, 351-357	5.1	11
342	Studies of the resonance structure in decays. <i>European Physical Journal C</i> , 2018 , 78, 443	4.2	11
341	Updated determination of $D_0 D_0^*$ mixing and CP violation parameters with $D_0 \rightarrow K^+ \pi^-$ decays. <i>Physical Review D</i> , 2018 , 97,	4.9	11
340	Observation of New Resonances Decaying to J/ψ^+ and J/ψ . <i>Physical Review Letters</i> , 2021 , 127, 082001	7.4	11
339	Study of charmonium production in γ -hadron decays and first evidence for the decay. <i>European Physical Journal C</i> , 2017 , 77, 609	4.2	10

338	Observation of New Λ_c^0 Baryons Decaying to $\Lambda_c^+ K^-$. <i>Physical Review Letters</i> , 2020 , 124, 222001	7.4	10
337	Measurement of CP observables in $B \rightarrow D^{(*)} K$ and $B \rightarrow D^{(*)} \pi$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018 , 777, 16-30	4.2	10
336	Study of $\Lambda(1520)$ 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
335	First observation of the decay $D^0 \rightarrow \pi^+ \pi^- \pi^0$ 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
334	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
333	Measurement of the charge asymmetry in $B \rightarrow \pi^+ \pi^-$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 728, 85-94	4.2	10
332	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
331	Measurement of the effective β . <i>Nuclear Physics B</i> , 2013 , 873, 275-292	2.8	10
330	Measurement of B_{s}^0 and D_{s}^+ Meson Lifetimes. <i>Physical Review Letters</i> , 2017 , 119, 101801	7.4	10
329	Observation of the suppressed decay $D^0 \rightarrow \pi^+ \pi^- \pi^0$. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	10
328	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
327	First Observation of a Baryonic B_{s}^0 Decay. <i>Physical Review Letters</i> , 2017 , 119, 041802	7.4	10
326	Search for the decay $(B_{\text{s}}^0 \rightarrow \overline{D}^0 \{F_0(980)\})$. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	10
325	Measurement of the B_{s}^0 meson lifetime in $D_{\text{s}}^+ \rightarrow B_{\text{s}}^0 \pi^+$ decays. <i>Physical Review Letters</i> , 2014 , 113, 172001	7.4	10
324	Observation of charmonium pairs produced exclusively in pp collisions. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2014 , 41, 115002	2.9	10
323	Measurement of CP asymmetry in $B^0 \rightarrow \pi^+ \pi^- K^0$ decays. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	10
322	Measurement of the effective β . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 716, 393-400	4.2	10
321	Search for excited leptons in e^+e^- annihilation at $s=161$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997 , 401, 139-149	4.2	10

320	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> , 1997 , 407, 419-431	4.2	10
319	Photon structure functions and azimuthal correlations of lepton pairs in tagged μ collisions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998 , 438, 363-378	4.2	10
318	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
317	Search for new physics phenomena in fermion-pair production at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998 , 433, 163-175	4.2	10
316	Measurement of hadron and lepton-pair production in e^+e^- collisions at $(\sqrt{s})=192-208$ GeV at LEP. <i>European Physical Journal C</i> , 2006 , 47, 1-19	4.2	10
315	Muon-pair and tau-pair production in two-photon collisions at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2004 , 585, 53-62	4.2	10
314	Study of multiphoton final states and tests of QED in e^+e^- collisions at s up to 209 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2002 , 531, 28-38	4.2	10
313	Measurement of exclusive $\tau \rightarrow \mu \nu_\tau \nu_\mu$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2005 , 615, 19-30	4.2	10
312	Search for R-parity violating decays of supersymmetric particles in (e^+e^-) collisions at $(\sqrt{s})=189$ GeV. <i>European Physical Journal C</i> , 2001 , 19, 397-414	4.2	10
311	Measurement of the tau branching fractions into leptons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2001 , 507, 47-60	4.2	10
310	Measurement of inclusive $D^*\mu$ 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
309	Energy and particle flow in three-jet and radiative two-jet events from hadronic Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995 , 345, 74-84	4.2	10
308	Measurement of μ production in two and three-jet events from hadronic Z decays at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1996 , 371, 126-136	4.2	10
307	Observation of multiple hard photon final states at GeV at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1996 , 384, 323-332	4.2	10
306	Measurement of the B_d^0 meson oscillation frequency. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1996 , 383, 487-498	4.2	10
305	Searches for low-mass dimuon resonances. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	10
304	A new algorithm for identifying the flavour of B^0 mesons at LHCb. <i>Journal of Instrumentation</i> , 2016 , 11, P05010-P05010	1	10
303	Search for B_c^+ decays to the $pp^*\mu$ final state. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 759, 313-321	4.2	10

302	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
301	Measurement of the mass and production rate of \bar{B}_s baryons. <i>Physical Review D</i> , 2019 , 99,	4.9	9
300	Determination of Γ_{had} from charmless two-body decays of beauty mesons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015 , 741, 1-11	4.2	9
299	A measurement of the CP asymmetry difference between $\Gamma^+ \rightarrow \phi K^+ K^+$ and ρ^+ decays. <i>Journal of High Energy Physics</i> , 2018 , 2018,	5.4	9
298	Effective lifetime measurements in the $B_s^0 \rightarrow K^+ K^-$ and $B_s^0 \rightarrow K^+ K^0$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 736, 446-454	4.2	9
297	Branching fraction and CP asymmetry of the decays $B^+ \rightarrow K^+ S^0$ 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
296	Measurement of the time-dependent CP asymmetries in $B_s^0 \rightarrow \ell^+ \ell^- S^0$. <i>Journal of High Energy Physics</i> , 2015 , 2015,	5.4	9
295	Observation of the $B^0 \rightarrow \pi^0$ decay from an amplitude analysis of $B^0 \rightarrow \pi^0 \pi^+ \pi^-$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015 , 747, 468-478	4.2	9
294	Study of $B^0 \rightarrow \pi^+ \pi^-$ and $B^0 \rightarrow \pi^+ K^-$ decays. <i>Physical Review D</i> , 2013 , 87,	4.9	9
293	First observation of the decays $B^0 \rightarrow \pi^+ K^-$ and $B^0 \rightarrow \pi^+ K^- S^0$. <i>Physical Review D</i> , 2012 , 86,	4.9	9
292	Hard-photon production at and 172 GeV at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997 , 413, 159-166	4.2	9
291	Search for R-parity breaking sneutrino exchange at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997 , 414, 373-381	4.2	9
290	Search for neutral Higgs bosons of the minimal supersymmetric standard model in e^+e^- interactions at $s = 130 - 183$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998 , 436, 389-402	4.2	9
289	Final results from an extensive ageing test of bakelite Resistive Plate Chambers. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2004 , 533, 107-111	1.2	9
288	Production of single W bosons at GeV and measurement of WW gauge couplings. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000 , 487, 229-240	4.2	9
287	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
286	Measurement of the weak charged current structure in semileptonic b-hadron decays at the Z peak. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995 , 351, 375-386	4.2	9
285	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

284	Search for CP violation in $B^0 \rightarrow \rho^+ K^-$ and $B^0 \rightarrow \rho^0 K^0$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018 , 787, 124-133	4.2	9
283	Measurement of the CKM angle α using $B^0 \rightarrow D^+ K^-$ with $D^0 \rightarrow K^+ K^-$ decays. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	9
282	Search for the rare decay $B^0 \rightarrow \rho^+ \pi^-$. <i>Physical Review D</i> , 2018 , 97,	4.9	9
281	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
280	Observation of $B_c^+ \rightarrow D^{(*)} K^{(*)}$ decays. <i>Physical Review D</i> , 2017 , 95,	4.9	8
279	Measurements of charm mixing and CP violation using $D^0 \rightarrow K^+ K^-$ decays. <i>Physical Review D</i> , 2017 , 95,	4.9	8
278	Search for the rare decay $B^+ \rightarrow \mu^+ \mu^- \mu^+ \nu_\mu$. <i>European Physical Journal C</i> , 2019 , 79, 1	4.2	8
277	Measurement of the Charm-Mixing Parameter y_{CP} . <i>Physical Review Letters</i> , 2019 , 122, 011802	7.4	8
276	Study of B^0 mixing from measurement of $B^0 \rightarrow \rho^+ \pi^-$ decay rates. <i>Journal of High Energy Physics</i> , 2015 , 2015,	5.4	8
275	Determination of quantum numbers for several excited charmed mesons observed in $B^0 \rightarrow \rho^+ \pi^-$ decays. <i>Physical Review D</i> , 2020 , 101,	4.9	8
274	Measurement of branching fractions of charmless four-body $B^0 \rightarrow b$ and $B^0 \rightarrow b$ decays. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	8
273	Evidence for the Rare Decay $B^0 \rightarrow \rho^+ \pi^- \pi^+$. <i>Physical Review Letters</i> , 2018 , 120, 221803	7.4	8
272	Measurement of polarization amplitudes and CP asymmetries in $B^0 \rightarrow \rho^+ K^{*0}$. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	8
271	Search for the decay $B^0 \rightarrow \rho^+ \pi^-$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 728, 234-243	4.2	8
270	Observation of $B^0 \rightarrow \rho^+ \pi^-$. <i>Nuclear Physics B</i> , 2013 , 874, 663-678	2.8	8
269	α_{c1} and α_{c2} Resonance Parameters with the Decays $B^0 \rightarrow \rho^+ \pi^- \pi^+$. <i>Physical Review Letters</i> , 2017 , 119, 221801	7.4	8
268	Measurement of the B^0 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
267	Measurement of the $B^0 \rightarrow \rho^+ \pi^-$ branching fraction and search for the decay $B^0 \rightarrow \rho^+ \pi^-$. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	8

266	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
265	Search for CP violation in $D \rightarrow K^0 S K^0$ and $D \rightarrow s^- K^0 S^0$ decays. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	8
264	First observation of the decays $B(0) \rightarrow D^+(+)K^-(0)K^+(0)$ and $B(-) \rightarrow D^-(0)K^-(0)K^+(0)$. <i>Physical Review Letters</i> , 2012 , 108, 161801	7.4	8
263	Search for heavy neutral and charged leptons in e^+e^- annihilation at. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997 , 412, 189-200	4.2	8
262	Measurement of the Z-boson mass using e^+e^- events at centre-of-mass energies above the Z pole. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2004 , 585, 42-52	4.2	8
261	Inclusive $D^* \rightarrow \pi$ production in two-photon collisions at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2002 , 535, 59-69	4.2	8
260	Proton-antiproton pair production in two-photon collisions at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2003 , 571, 11-20	4.2	8
259	Measurement of the running of the electromagnetic coupling at large momentum-transfer at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2005 , 623, 26-36	4.2	8
258	Search for neutral Higgs bosons of the minimal supersymmetric standard model in e^+e^- interactions at $s=192002$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2001 , 503, 21-33	4.2	8
257	Search for a Higgs boson decaying into two photons in e^+e^- interactions at $s = 189$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000 , 489, 115-124	4.2	8
256	Search for unstable sequential neutral and charged heavy leptons in e^+e^- annihilation at $s=130$ and 136 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1996 , 377, 304-312	4.2	8
255	A study of four-fermion processes at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1994 , 321, 283-294	4.2	8
254	Search for lepton flavour violation in $Z0$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1991 , 271, 453-460	4.2	8
253	Search for the lepton flavour violating decay $B^+ \rightarrow K^+ \mu^+ \mu^-$ using $(B_{s2}^0)^{\text{ast}}$ decays. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	8
252	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
251	Measurement of forward W $\rightarrow \mu^+$ production in pp collisions at $(\sqrt{s}=8)$ TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	8
250	Search for Lepton-Flavor Violating Decays $B^+ \rightarrow K^+ \mu^+ \mu^- e^+$. <i>Physical Review Letters</i> , 2019 , 123, 241802	4.2	8
249	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

248	Measurement of Angular and CP Asymmetries in $D^0 \rightarrow \pi^+ \pi^- \pi^+ \pi^-$ and $D^0 \rightarrow \pi^+ K^+ \pi^- \pi^-$ Decays. <i>Physical Review Letters</i> , 2018 , 121, 091801	7.4	8
247	Measurements of the branching fractions of $\tau^+ \rightarrow \mu^+ \pi^0$, $\tau^+ \rightarrow \mu^+ K^0$, and $\tau^+ \rightarrow \mu^+ K^+$. <i>Journal of High Energy Physics</i> , 2018 , 2018,	5.4	8
246	Search for the CP-violating strong decays $B^0 \rightarrow \pi^0 \pi^0$ and $B^0(958) \rightarrow \pi^0 \pi^0$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017 , 764, 233-240	4.2	7
245	Observation of the Decay $\Lambda_b^0 \rightarrow p K^+ K^-$. <i>Physical Review Letters</i> , 2017 , 118, 071801	7.4	7
244	Improved limit on the branching fraction of the rare decay. <i>European Physical Journal C</i> , 2017 , 77, 678	4.2	7
243	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
242	Study of $D^*(*) + sJ$ mesons decaying to $D^* + K^0 S$ and $D^* K +$ final states. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	7
241	Observation of the $B^0 \rightarrow \pi^0 \pi^0$ decay. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	7
240	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
239	First Observation of the Radiative Decay $\Lambda_b^0 \rightarrow \gamma p K^-$. <i>Physical Review Letters</i> , 2019 , 123, 031801	7.4	7
238	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
237	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
236	First evidence for the two-body charmless baryonic decay $\Lambda_b^0 \rightarrow p \bar{p}$. <i>Journal of High Energy Physics</i> , 2013 , 2013,	5.4	7
235	First observation of the decay $(B_s^0 \rightarrow \pi^0 \bar{K}^{*0})$. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	7
234	Search for CP violation in the phase space of $D^0 \rightarrow \pi^+ \pi^- \pi^0$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017 , 769, 345-356	4.2	7
233	Search for decays of neutral beauty mesons into four muons. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	7
232	Search for the rare decays $B^0 \rightarrow \mu^+ \mu^-$ and $B_s^0 \rightarrow \mu^+ \mu^-$. <i>Physical Review D</i> , 2015 , 92,	4.9	7
231	Observation of the $B(s)(0) \rightarrow \pi^0 \pi^0$ Decay. <i>Physical Review Letters</i> , 2015 , 115, 051801	7.4	7

230	First observations of the rare decays $B \rightarrow \mu^+ \mu^- \mu^+ \mu^-$ and $B \rightarrow e^+ K + \mu^+ \mu^-$. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5-4	7
229	Production of e, μ and τ pairs in untagged two-photon collisions at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997 , 407, 341-350	4-2	7
228	Search for colour singlet and colour reconnection effects in hadronic Z decays at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2004 , 581, 19-30	4-2	7
227	Study of the τ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2004 , 597, 119-130	4-2	7
226	Inclusive jet production in two-photon collisions at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2004 , 602, 157-166	4-2	7
225	Hard-photon production and tests of QED at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000 , 475, 198-205	4-2	7
224	Search for an invisibly decaying Higgs boson in e^+e^- collisions at $\sqrt{s} = 183$ – 189 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000 , 485, 85-94	4-2	7
223	Search for heavy neutral and charged leptons in e^+e^- annihilation at $\sqrt{s} = 183$ and 189 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999 , 462, 354-364	4-2	7
222	Search for charged Higgs bosons in e^+e^- collisions at $\sqrt{s} = 189$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999 , 466, 71-78	4-2	7
221	Search for R-parity violating chargino and neutralino decays in e^+e^- collisions up to $\sqrt{s} = 183$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999 , 459, 354-366	4-2	7
220	Measurement of muon-pair production at 50 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1996 , 374, 331-340	4-2	7
219	Search for CP violation in $(\chi_c^+ \rightarrow p \bar{K}^+ \pi^+)$ decays using model-independent techniques. <i>European Physical Journal C</i> , 2020 , 80, 1	4-2	7
218	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
217	Measurement of $f_{\text{D}}/f_{\text{D}^*}$ Variation with Proton-Proton Collision Energy and B-Meson Kinematics. <i>Physical Review Letters</i> , 2020 , 124, 122002	7-4	7
216	First Observation of the Decay $B_{\text{D}}^0 \rightarrow \mu^+ \mu^- \mu^+ \mu^-$ and a Measurement of $ V_{\text{ub}} / V_{\text{cb}} $. <i>Physical Review Letters</i> , 2021 , 126, 081804	7-4	7
215	Search for a dimuon resonance in the τ mass region. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5-4	7
214	Search for CP violation using triple product asymmetries in $B \rightarrow b \rightarrow \mu^+ \mu^- \mu^+ \mu^-$ and $B \rightarrow b \rightarrow \mu^+ \mu^- K^+ K^-$ decays. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5-4	7
213	Amplitude Analysis of the Decay $B_{\text{D}}^0 \rightarrow \mu^+ \mu^- \mu^+ \mu^-$ and First Observation of the CP Asymmetry in $B_{\text{D}}^0 \rightarrow \mu^+ \mu^- \mu^+ \mu^-$. <i>Physical Review Letters</i> , 2018 , 120, 261801	7-4	7

212	Measurement of the $B_{\overline{d}}$ production asymmetry and the CP asymmetry in $B_{\overline{d}} \rightarrow d/K_{\overline{d}}$ decays. <i>Physical Review D</i> , 2017 , 95,	4.9	6
211	Measurement of $ V_{cb} $ with $B_{s0} \rightarrow D_s^{(*)} \overline{D}^{\pm} \pi^{\pm}$ decays. <i>Physical Review D</i> , 2020 , 101,	4.9	6
210	First measurement of the CP-violating phase ($\phi_s^{\overline{d}}$) in $B_{s0} \rightarrow \overline{d} K^{\pm} \pi^{\pm}$ decays. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	6
209	Measurement of the mass and lifetime of the \overline{B} baryon. <i>Physical Review D</i> , 2016 , 93,	4.9	6
208	Constraints on the unitarity triangle angle Γ from Dalitz plot analysis of $B_{s0} \rightarrow \overline{D} K^{\pm} \pi^{\pm}$ decays. <i>Physical Review D</i> , 2016 , 93,	4.9	6
207	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
206	Measurements of CP asymmetries in charmless four-body (Λ_b^0) and (Ξ_b^0) decays. <i>European Physical Journal C</i> , 2019 , 79, 1	4.2	6
205	Measurement of CP observables in $B_{s0} \rightarrow \overline{D} K^* 0$ with $D \rightarrow \overline{K} + K \pi$. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	6
204	Searches for ($B_{s0} \rightarrow \overline{J/\psi} p$) and $B^+ \rightarrow \overline{e/\tau} \pi^+$ decays. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	6
203	Measurement of CP asymmetries in $D_{\overline{d}} \rightarrow \overline{d} \pi^{\pm}$ and $D_{s\overline{d}} \rightarrow \overline{d} \pi^{\pm}$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017 , 771, 21-30	4.2	6
202	Observation of the decay $B_{s0} \rightarrow \overline{e} \tau^+$ and evidence for $B_{s0} \rightarrow \overline{e} \tau^+ \pi^0$. <i>Journal of High Energy Physics</i> , 2017 , 2017,	5.4	6
201	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
200	Measurement of CP asymmetries and polarisation fractions in ($B_{s0} \rightarrow \overline{K}^* K^* 0$) decays. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	6
199	Search for the $\overline{D} b \rightarrow \overline{d} \pi^+$ and $\overline{D} b \rightarrow \overline{d} \pi^0$ decays with the LHCb detector. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	6
198	Observation of $B_{s0} \rightarrow \overline{K}^* K^* \pi^+$ and evidence for $B_{s0} \rightarrow \overline{K}^* K^* \pi^+$ decays. <i>New Journal of Physics</i> , 2014 , 16, 123001	2.9	6
197	Search for the decay $B_{s0} \rightarrow \overline{d} \pi^+$. <i>Physical Review D</i> , 2013 , 87,	4.9	6
196	Missing mass spectra in hadronic events from e^+e^- collisions at 161-172 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
195	An extensive aging study of bakelite Resistive Plate Chambers. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2004 , 518, 82-85	1.2	6

194	Study of the process at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2001 , 505, 47-58	4.2	6
193	Inclusive μ and τ production in hadronic Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000 , 479, 79-88	4.2	6
192	Measurements of the production cross section and forward-backward asymmetry at centre-of-mass energies above the Z pole at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000 , 485, 71-84	4.2	6
191	Direct observation of longitudinally polarised W_{μ} bosons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000 , 474, 194-204	4.2	6
190	Status of the L3 silicon microvertex detector. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 1993 , 32, 202-207		6
189	A precise measurement of the [Formula: see text] meson oscillation frequency. <i>European Physical Journal C</i> , 2016 , 76, 412	4.2	6
188	Measurement of the CKM angle $\bar{\mu}$ using $B^0 \rightarrow \bar{D}^* K^0$ with $D \rightarrow K^0 S^0 \mu^+ \mu^-$ decays. <i>Journal of High Energy Physics</i> , 2016 , 2016,	5.4	6
187	Measurement of CP Violation in $B^0 \rightarrow \bar{D}^* D^+$ Decays. <i>Physical Review Letters</i> , 2016 , 117, 261801	7.4	6
186	Model-independent measurement of the CKM angle $\bar{\mu}$ using $B^0 \rightarrow \bar{D}^* K^0$ decays with $D \rightarrow K^0 S^0 \mu^+ \mu^-$ and $K^0 S^0 K^+ K^-$. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	6
185	Observation of the decay $B_{s0} \rightarrow \bar{D}^* K^+ K^-$. <i>Physical Review D</i> , 2018 , 98,	4.9	6
184	Measurement of τ production in pp collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	6
183	First observation of $B^+ \rightarrow \bar{D}^* + s^+ K^+ K^-$ decays and a search for $B^+ \rightarrow \bar{D}^* + s^+ \tau^+ \tau^-$ decays. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	6
182	Precise measurement of the f_s/f_d ratio of fragmentation fractions and of B_{s0} decay branching fractions. <i>Physical Review D</i> , 2021 , 104,	4.9	6
181	Observation of charmless baryonic decays $B(s)^0 \rightarrow \bar{p} p \pi^+ \pi^-$. <i>Physical Review D</i> , 2017 , 96,	4.9	5
180	Observation of the ($\Lambda_{\text{charm}}^0 \rightarrow \chi_{\text{c1}}$) (3872) pK decay. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	5
179	Observation of $B_{s0} \rightarrow \bar{D}^* K_{S0}^+$ and Evidence for $B_{s0} \rightarrow \bar{D}^* K_{S0}^+$ Decays. <i>Physical Review Letters</i> , 2016 , 116, 161802	7.4	5
178	Amplitude analysis of $B^0 \rightarrow \bar{D}^* K^+ K^-$ decays. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	5
177	Observation of the $B^0 \rightarrow \bar{D}^* K^+ K^-$ decay. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	5

176	Observation of the decay $B^0 \rightarrow \rho^+ K^- \pi^+$ and a search for CP violation. <i>Journal of High Energy Physics</i> , 2017 , 2017,	5-4	5
175	Study of $(\overline{b} \rightarrow b)$ correlations in high energy proton-proton collisions. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5-4	5
174	Determination of the branching fractions of $B^0 \rightarrow \rho^+ K^-$ and $B^0 \rightarrow \rho^0 K^+$. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5-4	5
173	Search for exclusive B decays to J and $\bar{b} \rightarrow \bar{c}$ with the L3 detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997 , 391, 481-490	4-2	5
172	Study of inclusive strange-baryon production and search for pentaquarks in two-photon collisions at LEP. <i>European Physical Journal C</i> , 2007 , 49, 395-410	4-2	5
171	Study of Z boson pair production in e^+e^- interactions at $\sqrt{s} = 202$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2001 , 497, 23-38	4-2	5
170	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
169	The new double sided silicon microvertex detector for the L3 experiment. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1994 , 348, 431-435	1-2	5
168	Performance on test beam of the L3 double-sided silicon microstrip detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1994 , 348, 436-439	1-2	5
167	Test beam results from the prototype L3 Silicon Microvertex Detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1994 , 344, 521-528	1-2	5
166	Branching Fraction Measurements of the Rare $B_{s,d}^0 \rightarrow \rho^+ \pi^-$ and $B_{s,d}^0 \rightarrow \rho^0 \pi^+$ Decays. <i>Physical Review Letters</i> , 2021 , 127, 151801	7-4	5
165	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
164	Measurement of the ratio of branching fractions $(\mathcal{B}(\overline{B} \rightarrow \overline{c} \rho^+ \pi^0) / \mathcal{B}(\overline{B} \rightarrow \overline{c} \rho^+ \pi^+)) / (\mathcal{B}(B \rightarrow c \rho^+ \pi^0) / \mathcal{B}(B \rightarrow c \rho^+ \pi^-))$. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5-4	5
163	A search for $(\chi_{cc}^{\pm\pm}) \rightarrow \rho^+ p K^\pm$ decays. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5-4	5
162	Observation of $B_s^0 \rightarrow \rho^+ \pi^-$ and search for $B^0 \rightarrow \rho^0 \pi^0$ decays. <i>Physical Review D</i> , 2018 , 98,	4-9	5
161	Observation of the decay $B^0 \rightarrow \rho^+ \pi^-$. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5-4	5
160	Search for weakly decaying b-flavored pentaquarks. <i>Physical Review D</i> , 2018 , 97,	4-9	5
159	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

158	Observation of [Formula: see text] and [Formula: see text] decays. <i>European Physical Journal C</i> , 2017 , 77, 72	4.2	4
157	Direct photon production at LHCb. <i>Nuclear Physics A</i> , 2019 , 982, 251-254	1.3	4
156	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
155	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
154	Measurement of χ_{cc}^{++} production in pp collisions at $\sqrt{s}=13$ TeV. <i>Chinese Physics C</i> , 2020 , 44, 022001	2.2	4
153	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
152	Measurement of CP asymmetry in $B^0 \rightarrow \pi^+ \pi^-$ decays. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	4
151	Search for B_c^+ decays to two charm mesons. <i>Nuclear Physics B</i> , 2018 , 930, 563-582	2.8	4
150	Dalitz plot analysis of the $D^+ \rightarrow \bar{K}^0 K^+$ decay. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	4
149	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
148	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
147	Evidence for the two-body charmless baryonic decay ($\Lambda_b^+ \rightarrow \bar{\Lambda}^0$). <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	4
146	First Observation of the Rare Purely Baryonic Decay $B^0 \rightarrow \bar{p} p$. <i>Physical Review Letters</i> , 2017 , 119, 232001	7.4	4
145	Measurement of CP observables in $B_{(s)}^0 \rightarrow \bar{D}^* K_{(s)}^0$ decays using two- and four-body D final states. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	4
144	Updated branching fraction measurements of $B^0 \rightarrow \bar{K}^0 h^+ h^-$ decays. <i>Journal of High Energy Physics</i> , 2017 , 2017,	5.4	4
143	Study of $B \rightarrow K \pi$ and $B \rightarrow \pi \pi$ decays and determination of the CKM angle α <i>Physical Review D</i> , 2015 , 92,	4.9	4
142	First observation and measurement of the branching fraction for the decay $B^0 \rightarrow \bar{D}^* \pi^+ K_{(s)}^0$. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	4
141	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

140	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
139	Search for anomalous couplings in the Higgs sector at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000 , 489, 102-114	4.2	4
138	Search for excited leptons at GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000 , 473, 177-185	4.2	4
137	Search for neutral Higgs bosons of the Minimal Supersymmetric Standard Model in e+e- interactions at s= 189GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999 , 471, 321-331	4.2	4
136	Experience with the SVX-H chip in the construction of the L3 Silicon Microvertex Detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1994 , 344, 216-219	1.2	4
135	Strong constraints on the b → sγ photon polarisation from B0 → sγ e+e- decays. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	4
134	Search for scalar leptons, charginos and neutralinos in e(+)e(-) collisions at (sqrt{s})=161-172 GeV 1998 , 4, 207		4
133	Search for CP violation and observation of P violation in B0 → π0 π0 decays. <i>Physical Review D</i> , 2020 , 102,	4.9	4
132	Observation of Multiplicity Dependent Prompt J/ψ(3872) and Ψ(2S) Production in pp Collisions. <i>Physical Review Letters</i> , 2021 , 126, 092001	7.4	4
131	Measurement of the Bs0 → μ+μ- lifetime. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 762, 484-492	4.2	4
130	Measurement of the Bc meson production fraction and asymmetry in 7 and 13 TeV pp collisions. <i>Physical Review D</i> , 2019 , 100,	4.9	4
129	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
128	Observation of a new B0 state. <i>Physical Review D</i> , 2021 , 103,	4.9	4
127	Measurement of the time-integrated CP asymmetry in D0 → K0 S K0 S decays. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	4
126	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
125	Measurement of D → s 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
124	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
123	A new-concept gamma calorimeter at ELI-NP. <i>Journal of Instrumentation</i> , 2017 , 12, C02051-C02051	1	3

122	First branching fraction measurement of the suppressed decay $B^0 \rightarrow \pi^+ \pi^-$. <i>Physical Review D</i> , 2020 , 102,	4.9	3
121	First observation of the rare $B^+ \rightarrow \pi^+ K^0$ decay. <i>Physical Review D</i> , 2016 , 93,	4.9	3
120	Measurement of the $B_s^0 \rightarrow D_s^+ D_s^-$ branching fractions. <i>Physical Review D</i> , 2016 , 93,	4.9	3
119	First observation of the decay $B^0 \rightarrow \pi^+ \pi^- K^0$ at LHCb. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	3
118	Measurement of the branching fractions of the decays $D^+ \rightarrow \pi^+ K^0 K^+$, $D^+ \rightarrow \pi^+ K^+ K^0$ and $D^+ \rightarrow \pi^+ K^+ K^+$. <i>Journal of High Energy Physics</i> , 2019 , 2019,	5.4	3
117	Amplitude analysis of the $(B^0 \rightarrow K^* K^0 \overline{K}^0)$ decays and measurement of the branching fraction of the $(B^0 \rightarrow K^* K^0 \overline{K}^0)$ decay. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	3
116	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
115	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
114	Neutral-current four-fermion production in e^+e^- interactions at 130 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997 , 413, 191-200	4.2	3
113	Analysis of the $\pi\pi$ and $\pi 0$ final states in quasi-real two-photon collisions at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2006 , 638, 128-139	4.2	3
112	Measurement of exclusive $\pi\pi$ production in high- Q^2 two-photon collisions at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2004 , 597, 26-38	4.2	3
111	First results from an aging test of a prototype RPC for the LHCb Muon System. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2003 , 515, 348-353	1.2	3
110	Compton scattering of quasi-real virtual photons at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2005 , 616, 145-158	4.2	3
109	Measurement of the photon structure function. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2005 , 622, 249-264	4.2	3
108	Measurement of the topological branching fractions of the τ lepton at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2001 , 519, 189-198	4.2	3
107	Determination of γZ interference in e^+e^- annihilation at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000 , 489, 93-101	4.2	3
106	Measurement of the lifetime of the tau lepton. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1996 , 389, 187-196	4.2	3
105	Optical readout for double-sided silicon microstrip detectors. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1994 , 342, 181-185	1.2	3

104	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
103	Search for heavy neutral leptons in $(W^+ \rightarrow \mu^+ \mu^{\pm})$ 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 $(e^{\pm}) (\mu^{\pm}) (\nu)$. <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 $\Lambda_c^+ \Lambda_b^0$ and $\Lambda_c^+ \Lambda_b^+$. <i>Chinese Physics C</i> , 2021 , 45, 093002	2.2	3
97	Measurement of the relative $B_{D^0}/B_{D^{*0}}$ branching fractions using B_{π} mesons from B_{π^2} decays. <i>Physical Review D</i> , 2019 , 99,	4.9	2
96	Measurement of the CP-violating phase γ from $B_{s0} \rightarrow \mu^+ \mu^-$ 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
95	Search for CP Violation in $D_{s^+} \rightarrow \bar{K}_{S^0}^0 \pi^+$, $D^+ \rightarrow \bar{K}_{S^0}^0 K^+$, and $D^+ \rightarrow \pi^+ \pi^+$ Decays. <i>Physical Review Letters</i> , 2019 , 122, 191803	7.4	2
94	Observation of the doubly Cabibbo-suppressed decay $\bar{B} \rightarrow c \bar{\nu} \nu$. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	2
93	Search for CP violation through an amplitude analysis of $D^0 \rightarrow \bar{K}^0 \pi^0$ decays. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	2
92	Fabrication and Characterisation of 3D Diamond Pixel Detectors With Timing Capabilities. <i>Frontiers in Physics</i> , 2020 , 8,	3.9	2
91	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
90	Measurement of CP observables in $B_{\pi} \rightarrow \bar{D} K_{\pi}$ and $B_{\pi} \rightarrow \bar{D} \pi$ with $D \rightarrow \{K_{\pi}^0\} K^{\pm} \pi^{\mp}$ 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 $B \rightarrow \pi^0 \pi^+$ and $B \rightarrow \pi^0 \pi^-$. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	2
88	Study of the $B^0 \rightarrow \bar{D}^0 K^+$ decay with an amplitude analysis of $B^0 \rightarrow \bar{D}^0 (K^+ \pi^-)$ decays. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	2
87	Observation of the $B^+ \rightarrow \bar{D}^0 K^+$ decay. <i>Physical Review D</i> , 2017 , 96,	4.9	2

86	Measurement of CP violation in $B^0 \rightarrow e^+ K^0$ and $B^0 \rightarrow \mu^+ K^0$ decays. <i>Journal of High Energy Physics</i> , 2017 , 2017,	5.4	2
85	Publisher's Note: Evidence for CP Violation in Time-Integrated $D^0 \rightarrow b\bar{b}$ decay rates [Phys. Rev. Lett. 108, 111602 (2012)]. <i>Physical Review Letters</i> , 2012 , 108,	7.4	2
84	Performance of the LHCb muon system with cosmic rays. <i>Journal of Instrumentation</i> , 2010 , 5, P10003-P10003	10.0	2
83	Inclusive J/ψ and ψ' production in hadronic Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997 , 407, 351-360	4.2	2
82	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
81	K^0 s and η 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
80	Test of CP invariance in $Z \rightarrow b\bar{b}$ decay. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998 , 436, 428-436	4.2	2
79	Measurement of exclusive $\eta\eta'$ production in mid-virtuality two-photon interactions at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2004 , 604, 48-60	4.2	2
78	Study of the $e^+e^- \rightarrow e^+e^- \eta$ process at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2003 , 561, 73-81	4.2	2
77	Neutral-current four-fermion production in e^+e^- interactions at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2005 , 616, 159-173	4.2	2
76	Study of spin and decay-plane correlations of W bosons in the $e^+e^- \rightarrow W^+W^-$ process at LEP. <i>European Physical Journal C</i> , 2005 , 40, 333-341	4.2	2
75	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
74	Isospin Amplitudes in $B^0 \rightarrow d/\bar{d} \pi^0$ and $B^0 \rightarrow d/\bar{d} \eta$ Decays. <i>Physical Review Letters</i> , 2020 , 124, 111802	7.4	2
73	Observation of the $(B_s^0) \rightarrow D^* \eta$ decay. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	2
72	Measurement of CP observables in $B^0 \rightarrow D^{(*)} K^0$ and $B^0 \rightarrow D^{(*)} \eta$ decays using two-body D final states. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	2
71	Measurement of the branching fraction of the $(B^0) \rightarrow (D^+_{s1}) (\pi^-)$ decay. <i>European Physical Journal C</i> , 2021 , 81, 1	4.2	2
70	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
69	Long-term operation of the multi-wire-proportional-chambers of the LHCb muon system. <i>Journal of Instrumentation</i> , 2019 , 14, P11031-P11031	1	2

68	Measurement of CP-Violating and Mixing-Induced Observables in $B_{s^0} \rightarrow \pi^0 \pi^0$ Decays. <i>Physical Review Letters</i> , 2019 , 123, 081802	7.4	2
67	Study of $(\text{B})_{\text{S}}^0 \rightarrow \pi^0 \pi^0$ Decays. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	2
66	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
65	Measurement of CP violation in $B^0 \rightarrow \pi^0 \pi^0$ decays. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	2
64	Observation of new excited B^0_{S} states. <i>European Physical Journal C</i> , 2021 , 81,	4.2	2
63	Search for CP violation in $B^0 \rightarrow \pi^0 \pi^0$ decays. <i>Physical Review D</i> , 2021 , 104,	4.9	2
62	Measurement of CP observables in the process $B^0 \rightarrow \pi^0 K^*0$ with two- and four-body D decays. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	1
61	Prompt \bar{B}^+ 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
60	Constraints on the $K_{\text{S}}^0 \rightarrow \pi^+ \pi^-$ Branching Fraction. <i>Physical Review Letters</i> , 2020 , 125, 231801	7.4	1
59	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
58	First observation of the decay $B^0 \rightarrow \pi^0 D^+ K^+ \pi^-$. <i>Physical Review D</i> , 2020 , 102,	4.9	1
57	First observation of forward Z $\rightarrow \mu\mu$ 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
56	Measurement of the ratio of branching fractions of the decays $D^0 \rightarrow \pi^+ \pi^-$ and $D^0 \rightarrow \pi^0 \pi^0$. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	1
55	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
54	Search for the $B^0 \rightarrow \pi^0 \pi^0$ decay. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	1
53	Search for Baryon-Number Violating $\Delta B=1$ Oscillations. <i>Physical Review Letters</i> , 2017 , 119, 181807	7.4	1
52	Generalized event shape and energy flow studies in e^+e^- annihilation at $(\sqrt{s} = 91.2 \text{ - } 208.0)$ GeV. <i>Journal of High Energy Physics</i> , 2011 , 2011, 1	5.4	1
51	Search for anomalous four-jet events in e^+e^- annihilation at. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997 , 411, 330-338	4.2	1

50	Measurement of the Michel parameters and the average tau-neutrino helicity from tau decays at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998 , 438, 405-416	4.2	1
49	A search for flaring very-high-energy cosmic ray sources with the L3+C muon spectrometer. <i>Astroparticle Physics</i> , 2006 , 25, 298-310	2.4	1
48	Inclusive Lambda production in two-photon collisions at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2004 , 586, 140-150	4.2	1
47	The readout and DAQ system of the L3 silicon microstrip detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1995 , 360, 318-321	1.2	1
46	THE DESIGN AND CONSTRUCTION OF A DOUBLE-SIDED SILICON MICROVERTEX DETECTOR FOR THE L3 EXPERIMENT AT CERN. <i>IEEE Transactions on Nuclear Science</i> , 1994 , 41, 772-778	1.7	1
45	Determination of the effective electroweak mixing angle from Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993 , 309, 451-462	4.2	1
44	A precision experiment on electrons, photons and muons at LHC. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1993 , 325, 23-91	1.2	1
43	An optical decoupling system for double-sided silicon microstrip detectors. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 1993 , 32, 480-486		1
42	Measurement of the relative branching fractions of $B^+ \rightarrow B^0 h^+ h^0$ decays. <i>Physical Review D</i> , 2020 , 102,	4.9	1
41	Observation of the semileptonic decay $B^+ \rightarrow \overline{p} \mu^+ \nu_{\mu}$. <i>Journal of High Energy Physics</i> , 2020 , 2020,	5.4	1
40	Angular analysis of the rare decay $(B_s^0 \rightarrow e^+ \mu^-)$. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	1
39	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
38	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
37	Precision measurement of the (B_c^+) meson mass. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	1
36	Measurement of CP Violation in the Decay $B^+ \rightarrow K^+ \pi^0$. <i>Physical Review Letters</i> , 2021 , 126, 091802	7.4	1
35	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
34	Search for the rare decay $B^0 \rightarrow e^+ \mu^-$. <i>Chinese Physics C</i> , 2021 , 45, 043001	2.2	1
33	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

32	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
31	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
30	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
29	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
28	Measurement of the CP asymmetry in $B \rightarrow D$ and $B \rightarrow D^0$ decays. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	1
27	Measurement of CP violation in $B^0 \rightarrow D^* \pi$ decays. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	0
26	First measurement of the (CP)-violating phase in ($B^0 \rightarrow J/\psi$) (\rightarrow) (e^+e^-)(ϕ) decays. <i>European Physical Journal C</i> , 2021 , 81, 1	4.2	0
25	Observation of a ($\overline{\Lambda}_b^0$) ($\overline{\Lambda}_b^0$) production asymmetry in proton-proton collisions at (\sqrt{s}) = 7 and 8 TeV. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	0
24	Measurement of the CKM angle β and ($B_s^0 \rightarrow \overline{B}_s^0$) mixing frequency with ($B_s^0 \rightarrow D_s^{\mp} h^{\pm} \pi^{\pm} \pi^{\mp}$) decays. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	0
23	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
22	Observation of the decay ($\Lambda_{\text{charm}}^0 \rightarrow p \pi^-$) <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	0
21	Measurement of CP violation in the ($B_s^0 \rightarrow \phi \phi$) decay and search for the $B^0 \rightarrow \pi^0 \pi^0$ decay. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	0
20	Measurement of the CKM angle β in $B \rightarrow DK$ and $B \rightarrow D^* K$ decays with $D \rightarrow K^+ K^-$ ($K_{\text{charm}}^0 \rightarrow h^+ h^-$) <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	0
19	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
18	Search for the doubly charmed baryon Ξ_{cc} . <i>Science China: Physics, Mechanics and Astronomy</i> , 2021 , 64, 1	3.6	0
17	Observation of the Mass Difference between Neutral Charm-Meson Eigenstates. <i>Physical Review Letters</i> , 2021 , 127, 111801	7.4	0
16	Fabrication and First Full Characterisation of Timing Properties of 3D Diamond Detectors. <i>Instruments</i> , 2021 , 5, 39	1.2	0
15	Bose-Einstein correlations and bb^c correlations in pp collisions with LHCb. <i>Nuclear Physics A</i> , 2019 , 982, 347-350	1.3	

14	Highlights from the LHCb experiment. <i>Nuclear Physics A</i> , 2019 , 982, 15-21	1.3
13	Particle physics: BaBar Collaboration first to see anomaly. <i>Nature</i> , 2017 , 548, 31	50.4
12	Onia and onia-like states at LHCb. <i>EPJ Web of Conferences</i> , 2014 , 73, 03008	0.3
11	Study of the weak charged hadronic current in b decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997 , 393, 477-486	4.2
10	New results from an extensive aging test on Bakelite Resistive Plate chambers. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2003 , 125, 374-379	
9	Preliminary results of an aging test of RPC chambers for the LHCb Muon System. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2003 , 508, 166-169	1.2
8	Z-boson production with two unobserved, back-to-back, hard photons at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2005 , 613, 118-127	4.2
7	Spectroscopy of orbitally excited B mesons at LEP. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2001 , 93, 208-211	
6	B-physics results from LEP. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1996 , 384, 48-60	1.2
5	1994 running experience with the L3 Silicon Microvertex Detector. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 1995 , 44, 296-302	
4	Search for narrow vector resonances in the Z mass range. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993 , 313, 326-332	4.2
3	Prospects for heavy flavor physics at LHC 2007 , 265-268	
2	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
1	Collimation and characterization of ELI-NP gamma beam. <i>International Journal of Modern Physics Conference Series</i> , 2018 , 48, 1860116	0.7