

# Tadeusz Lesiak

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/4294787/tadeusz-lesiak-publications-by-citations.pdf>

**Version:** 2024-04-19

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

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

1,004  
papers

37,081  
citations

86  
h-index

150  
g-index

1,040  
ext. papers

42,311  
ext. citations

5.2  
avg, IF

6.59  
L-index

#	Paper	IF	Citations
1004	Observation of a narrow charmoniumlike state in exclusive $B_{u,d} \rightarrow K^+ \pi^+ \pi^- J/\psi$ decays. <i>Physical Review Letters</i> , <b>2003</b> , 91, 262001	7.4	1115
1003	Search for the Standard Model Higgs boson at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2003</b> , 565, 61-75	4.2	1044
1002	Precision electroweak measurements on the Z resonance. <i>Physics Reports</i> , <b>2006</b> , 427, 257-454	27.7	730
1001	Observation of $J/\psi$ Resonances Consistent with Pentaquark States in $\Lambda_b^0 \rightarrow J/\psi p$ Decays. <i>Physical Review Letters</i> , <b>2015</b> , 115, 072001	7.4	580
1000	Test of lepton universality using $b \rightarrow K^* \mu \mu$ decays. <i>Physical Review Letters</i> , <b>2014</b> , 113, 151601	7.4	542
999	Search for neutral MSSM Higgs bosons at LEP. <i>European Physical Journal C</i> , <b>2006</b> , 47, 547	4.2	496
998	LHCb detector performance. <i>International Journal of Modern Physics A</i> , <b>2015</b> , 30, 1530022	1.2	452
997	Observation of a resonancelike structure in the $\pi^+ \pi^- \psi'$ mass distribution in exclusive $B \rightarrow K \pi^+ \pi^- \psi'$ decays. <i>Physical Review Letters</i> , <b>2008</b> , 100, 142001	7.4	358
996	Observation of the rare $B(s) \rightarrow \mu^+ \mu^-$ decay from the combined analysis of CMS and LHCb data. <i>Nature</i> , <b>2015</b> , 522, 68-72	50.4	326
995	Measurement of the ratio of branching fractions $B(B \rightarrow D^* \mu^+ \mu^-) / B(B \rightarrow D^* e^+ e^-)$ . <i>Physical Review Letters</i> , <b>2015</b> , 115, 111803	7.4	316
994	Measurement of form-factor-independent observables in the decay $B^0 \rightarrow K^{*0} \mu^+ \mu^-$ . <i>Physical Review Letters</i> , <b>2013</b> , 111, 191801	7.4	314
993	Test of lepton universality with $B^0 \rightarrow K^{*0} \mu^+ \mu^-$ decays. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	298
992	Electroweak measurements in electron-positron collisions at W-boson-pair energies at LEP. <i>Physics Reports</i> , <b>2013</b> , 532, 119-244	27.7	291
991	Measurement of the $e^+ e^- \rightarrow \pi^+ \pi^- J/\psi$ cross section via initial-state radiation at Belle. <i>Physical Review Letters</i> , <b>2007</b> , 99, 182004	7.4	283
990	Observation of two resonant structures in $e^+ e^- \rightarrow \pi^+ \pi^- \psi(2S)$ via initial-state radiation at Belle. <i>Physical Review Letters</i> , <b>2007</b> , 99, 142002	7.4	272
989	First evidence for the decay $B(s) \rightarrow \mu^+ \mu^-$ . <i>Physical Review Letters</i> , <b>2013</b> , 110, 021801	7.4	263
988	Observation of the Doubly Charmed Baryon $\Lambda_{cc}^{++}$ . <i>Physical Review Letters</i> , <b>2017</b> , 119, 112001	7.4	257

987	Observation of a near-threshold $\omega_c J/\psi$ mass enhancement in exclusive $B \rightarrow K \omega_c J/\psi$ decays. <i>Physical Review Letters</i> , <b>2005</b> , 94, 182002	7.4	250
986	Performance of the DELPHI detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>1996</b> , 378, 57-100	1.2	248
985	Measurement of the differential branching fraction and forward-backward asymmetry for $B \rightarrow K^* l^+ l^-$ . <i>Physical Review Letters</i> , <b>2009</b> , 103, 171801	7.4	244
984	Observation of the resonant character of the $Z(4430)^{-}$ state. <i>Physical Review Letters</i> , <b>2014</b> , 112, 222002	7.4	234
983	The Physics of the B Factories. <i>European Physical Journal C</i> , <b>2014</b> , 74, 1	4.2	233
982	Angular analysis of the $B^0 \rightarrow K^* \mu^+ \mu^-$ decay using 3 fb of integrated luminosity. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	232
981	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> , <b>2013</b> , 111, 101805	7.4	221
980	Measurement of $J/\psi$ production in pp collisions at $\sqrt{s}=7$ TeV. <i>European Physical Journal C</i> , <b>2011</b> , 71, 1	4.2	216
979	Study of $B \rightarrow D^{*0} D^{*0} \rightarrow D^{*0} \mu^+ \mu^-$ decays. <i>Physical Review D</i> , <b>2004</b> , 69,	4.9	204
978	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> , <b>2019</b> , 122, 222001	7.4	199
977	Search for neutral heavy leptons produced in Z decays. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1997</b> , 74, 57-71		199
976	Observation of a charmoniumlike state produced in association with a $J/\psi$ in $e^+e^-$ annihilation at $\sqrt{s}$ approximately equal to 10.6 GeV. <i>Physical Review Letters</i> , <b>2007</b> , 98, 082001	7.4	198
975	Observation of the $D(sJ)(2317)$ and $D(sJ)(2457)$ in B decays. <i>Physical Review Letters</i> , <b>2003</b> , 91, 262002	7.4	197
974	FCC-hh: The Hadron Collider. <i>European Physical Journal: Special Topics</i> , <b>2019</b> , 228, 755-1107	2.3	196
973	Evidence for $D_0$ - $\bar{D}_0$ mixing. <i>Physical Review Letters</i> , <b>2007</b> , 98, 211803	7.4	194
972	FCC-ee: The Lepton Collider. <i>European Physical Journal: Special Topics</i> , <b>2019</b> , 228, 261-623	2.3	193
971	Evidence of the purely leptonic decay $B^- \rightarrow \tau^- \nu(\tau)$ . <i>Physical Review Letters</i> , <b>2006</b> , 97, 251802	7.4	182
970	Inclusive measurement of the photon energy spectrum in $b \rightarrow s \gamma$ decays. <i>Physical Review Letters</i> , <b>2004</b> , 93, 061803	7.4	182

969	Observation of a $\chi(c2)'$ candidate in $\gamma\gamma \rightarrow DD$ production at Belle. <i>Physical Review Letters</i> , <b>2006</b> , 96, 082003	7.4	180
968	Observation of a near-threshold enhancement in the $e^+e^- \rightarrow \Lambda_c^+\Lambda_c^-$ cross section using initial-state radiation. <i>Physical Review Letters</i> , <b>2008</b> , 101, 172001	7.4	178
967	Observation of new states decaying into $\Lambda_c^+\Lambda_c^-\pi^+$ and $\Lambda_c^+\Lambda_c^-\pi^0$ . <i>Physical Review Letters</i> , <b>2006</b> , 97, 162001	7.4	175
966	FCC Physics Opportunities. <i>European Physical Journal C</i> , <b>2019</b> , 79, 1	4.2	174
965	Tuning and test of fragmentation models based on identified particles and precision event shape data DELPHI Collaboration. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1996</b> , 73, 11-59		155
964	Observation of Five New Narrow $\chi(c)^0$ States Decaying to $\chi(c)^+\chi(c)^-$ . <i>Physical Review Letters</i> , <b>2017</b> , 118, 182001	7.4	154
963	Searches for supersymmetric particles in $e^+e^-$ collisions up to 208 GeV and interpretation of the results within the MSSM. <i>European Physical Journal C</i> , <b>2003</b> , 31, 421-479	4.2	153
962	Evidence for CP violation in time-integrated $D^0 \rightarrow h^-h^+$ decay rates. <i>Physical Review Letters</i> , <b>2012</b> , 108, 111602	7.4	150
961	Observation of a near-threshold $D^0D^0\pi^0$ enhancement in $B \rightarrow D^0D^0\pi^0$ decay. <i>Physical Review Letters</i> , <b>2006</b> , 97, 162002	7.4	149
960	Strong constraints on the rare decays $B(s)^0 \rightarrow \mu^+\mu^-$ and $B^0 \rightarrow \mu^+\mu^-$ . <i>Physical Review Letters</i> , <b>2012</b> , 108, 231801	7.4	144
959	Measurement of azimuthal asymmetries in inclusive production of hadron pairs in $e^+e^-$ annihilation at Belle. <i>Physical Review Letters</i> , <b>2006</b> , 96, 232002	7.4	143
958	Differential branching fractions and isospin asymmetries of $B \rightarrow K^*(*) \mu^+\mu^-$ decays. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	142
957	Status of the Belle silicon vertex detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2006</b> , 560, 1-4	1.2	142
956	Angular analysis and differential branching fraction of the decay $B^0 \rightarrow \mu^+\mu^-$ . <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5.4	138
955	Observation of anomalous $\psi(1S)\pi^+\pi^-$ and $\psi(2S)\pi^+\pi^-$ production near the $\psi(5S)$ resonance. <i>Physical Review Letters</i> , <b>2008</b> , 100, 112001	7.4	138
954	Search for Lepton-Universality Violation in $B^+ \rightarrow K^+\mu^+\mu^-$ Decays. <i>Physical Review Letters</i> , <b>2019</b> , 122, 191801	7.4	137
953	Production of new charmoniumlike states in $e^+e^- \rightarrow J/\psi D^* D^0$ at $\sqrt{s}$ approximately 10.6 GeV. <i>Physical Review Letters</i> , <b>2008</b> , 100, 202001	7.4	127
952	Measurement of the Ratio of the $B^0 \rightarrow D^{*-}\mu^+\mu^-$ and $B^0 \rightarrow D^{*-}\mu^+\mu^0$ Branching Fractions Using Three-Prong Lepton Decays. <i>Physical Review Letters</i> , <b>2018</b> , 120, 171802	7.4	126

951	Study of double charmonium production in $e^+e^-$ annihilation at $\sqrt{s}=10.6$ GeV. <i>Physical Review D</i> , <b>2004</b> , 70,	4.9	123
950	Measurement of azimuthal asymmetries in inclusive production of hadron pairs in $e^+e^-$ annihilation at $\sqrt{s}=10.58$ GeV. <i>Physical Review D</i> , <b>2008</b> , 78,	4.9	122
949	Observation of X(3872) production in pp collisions at ( $\sqrt{s}=7$ TeV). <i>European Physical Journal C</i> , <b>2012</b> , 72, 1	4.2	121
948	New search for $\chi_{c0}$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2008</b> , 666, 16-22	4.2	119
947	Photon events with missing energy in $e^+e^-$ collisions at ( $\sqrt{s} = \sqrt{130}$ to 209 GeV. <i>European Physical Journal C</i> , <b>2005</b> , 38, 395-411	4.2	117
946	Implications of LHCb measurements and future prospects. <i>European Physical Journal C</i> , <b>2013</b> , 73, 1	4.2	116
945	Observation of a new DsJ meson in $B^+ \rightarrow D^0 D^0 K^+$ decays. <i>Physical Review Letters</i> , <b>2008</b> , 100, 092001	7.4	116
944	Dalitz analysis of the three-body charmless decays $B^+ \rightarrow K^+ \pi^+ \pi^0$ and $B^+ \rightarrow K^+ K^+ K^0$ . <i>Physical Review D</i> , <b>2005</b> , 71,	4.9	114
943	Evidence for $B^0 \rightarrow \pi^0 \pi^0$ . <i>Physical Review Letters</i> , <b>2003</b> , 91, 261801	7.4	114
942	Dalitz analysis of $B^+ \rightarrow K^+ \pi^+ \pi^0$ decays and the Z(4430) <sup>+</sup> . <i>Physical Review D</i> , <b>2009</b> , 80,	4.9	110
941	Measurement of the Ratio of Branching Fractions $B(B_{c^+} \rightarrow J/\psi \pi^+ \pi^0) / B(B_{c^+} \rightarrow J/\psi \pi^+ \pi^+)$ . <i>Physical Review Letters</i> , <b>2018</b> , 120, 121801	7.4	109
940	Evidence for direct CP violation in $B^0 \rightarrow K^+ \pi^-$ decays. <i>Physical Review Letters</i> , <b>2004</b> , 93, 191802	7.4	108
939	Improved measurement of the electroweak penguin process $B \rightarrow X_s \pi^0$ . <i>Physical Review D</i> , <b>2005</b> , 72,	4.9	108
938	Measurement of $\chi_{c0}$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2010</b> , 694, 209-216	4.2	107
937	Measurements of the D(sJ) resonance properties. <i>Physical Review Letters</i> , <b>2004</b> , 92, 012002	7.4	107
936	Test of lepton flavor universality by the measurement of the $B^0 \rightarrow D^{*+} \pi^-$ branching fraction using three-prong $\pi$ decays. <i>Physical Review D</i> , <b>2018</b> , 97,	4.9	106
935	Measurement of the $B_{s^0} \rightarrow \pi^+ \pi^-$ Branching Fraction and Effective Lifetime and Search for $B^0 \rightarrow \pi^+ \pi^-$ Decays. <i>Physical Review Letters</i> , <b>2017</b> , 118, 191801	7.4	106
934	Measurement of b hadron production fractions in 7 TeV pp collisions. <i>Physical Review D</i> , <b>2012</b> , 85,	4.9	105

933	Observation of $J/\psi$ structures in $B \rightarrow K^* \psi$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2012</b> , 707, 52-59	4.2	104
932	Study of $J/\psi$ structures in $B \rightarrow K^* \psi$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2007</b> , 654, 65-73	4.2	101
931	Differential branching fraction and angular analysis of the decay $B^0 \rightarrow K^* \psi$ . <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5.4	99
930	Observation of $J/\psi$ structures consistent with exotic states from amplitude analysis of $B^+ \rightarrow J/\psi K^+$ decays. <i>Physical Review Letters</i> , <b>2017</b> , 118, 022003	7.4	98
929	Evidence for large direct CP violation in $B^+ \rightarrow \rho(770) K^+$ from analysis of three-body charmless $B^+ \rightarrow K^+ \pi^+ \pi^-$ decays. <i>Physical Review Letters</i> , <b>2006</b> , 96, 251803	7.4	97
928	Measurement of branching fractions and polarization in $B \rightarrow \phi K^*$ decays. <i>Physical Review Letters</i> , <b>2003</b> , 91, 201801	7.4	96
927	Measurement of the CP-violating phase $\gamma$ in the decay $B(s)(0) \rightarrow J/\psi$ . <i>Physical Review Letters</i> , <b>2012</b> , 108, 101803	7.4	95
926	Observation of time-dependent CP violation in $B^0 \rightarrow \eta' K^0$ decays and improved measurements of CP asymmetries in $B^0 \rightarrow \phi K^0$ , $K_S^0 K_S^0$ and $B^0 \rightarrow J/\psi K^0$ decays. <i>Physical Review Letters</i> , <b>2007</b> , 98, 031802	7.4	94
925	Measurement of the near-threshold $e^+e^- \rightarrow D^{(*)+} D^{(*)-}$ cross section using initial-state radiation. <i>Physical Review Letters</i> , <b>2007</b> , 98, 092001	7.4	93
924	Observation of $B(0) \rightarrow D^{(*)} \tau^+ \nu(\tau)$ decay at Belle. <i>Physical Review Letters</i> , <b>2007</b> , 99, 191807	7.4	93
923	Evidence for Exotic Hadron Contributions to $B^0 \rightarrow J/\psi K^0$ Decays. <i>Physical Review Letters</i> , <b>2016</b> , 117, 082003	7.4	91
922	Measurement of polarization and triple-product correlations in $B \rightarrow \phi K^*$ decays. <i>Physical Review Letters</i> , <b>2005</b> , 94, 221804	7.4	88
921	Measurement of $\gamma$ polarization in collisions at $\sqrt{s} = 7.73$ TeV. <i>European Physical Journal C</i> , <b>2013</b> , 73, 2631	4.2	87
920	Measurement of the near-threshold $e^+e^- \rightarrow D D^*$ cross section using initial-state radiation. <i>Physical Review D</i> , <b>2008</b> , 77,	4.9	87
919	Differential branching fraction and angular analysis of the decay $(B_s^0) \rightarrow \psi$ . <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5.4	86
918	Observation of double charm production involving open charm in pp collisions at $\sqrt{s} = 7$ TeV. <i>Journal of High Energy Physics</i> , <b>2012</b> , 2012, 1	5.4	86
917	Difference in direct charge-parity violation between charged and neutral B meson decays. <i>Nature</i> , <b>2008</b> , 452, 332-5	50.4	86
916	Model-Independent Evidence for $J/\psi$ Contributions to $B^0 \rightarrow J/\psi K^0$ Decays. <i>Physical Review Letters</i> , <b>2016</b> , 117, 082002	7.4	85

915	Observation of an isotriplet of excited charmed baryons decaying to $\lambda + c \pi$ . <i>Physical Review Letters</i> , <b>2005</b> , 94, 122002	7.4	85
914	Upper bound on the decay $\tau \rightarrow \mu \gamma$ from the Belle detector. <i>Physical Review Letters</i> , <b>2004</b> , 92, 171802	7.4	84
913	Observation of $B \rightarrow \rho \rho$ decays. <i>Physical Review Letters</i> , <b>2003</b> , 91, 221801	7.4	84
912	Measurement of production in collisions at [Formula: see text]. <i>European Physical Journal C</i> , <b>2012</b> , 72, 2025	4.2	83
911	Measurement of the track reconstruction efficiency at LHCb. <i>Journal of Instrumentation</i> , <b>2015</b> , 10, P02007-P02007	1	83
910	Updated measurements of exclusive $J/\psi$ 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> , <b>2014</b> , 41, 055002	2.9	83
909	Measurement of $D^0$ - $\bar{D}^0$ mixing parameters in $D^0 \rightarrow K_S \pi^+ \pi^-$ decays. <i>Physical Review Letters</i> , <b>2007</b> , 99, 131803	7.4	82
908	Measurement of the $B \rightarrow K^* \pi$ branching fractions and asymmetries. <i>Physical Review D</i> , <b>2004</b> , 69,	4.9	81
907	Determination of the quark coupling strength $ V_{ub} $ using baryonic decays. <i>Nature Physics</i> , <b>2015</b> , 11, 743-747	7.4	79
906	Evidence for the decay $\tau \rightarrow \mu \gamma$ . <i>Nuclear Physics B</i> , <b>2014</b> , 886, 665-680	2.8	79
905	Precision luminosity measurements at LHCb. <i>Journal of Instrumentation</i> , <b>2014</b> , 9, P12005-P12005	1	79
904	First observation of CP violation in the decays of $B(s)0$ mesons. <i>Physical Review Letters</i> , <b>2013</b> , 110, 221601	7.4	78
903	Higgs physics at the CLIC electron-positron linear collider. <i>European Physical Journal C</i> , <b>2017</b> , 77, 475	4.2	76
902	Study of tau-pair production in photon-photon collisions at LEP and limits on the anomalous electromagnetic moments of the tau lepton. <i>European Physical Journal C</i> , <b>2004</b> , 35, 159-170	4.2	76
901	Measurement of time-dependent CP-violating asymmetries in $B^0 \rightarrow \phi K(0)S$ , $K^+ K^- K(0)S$ , and $\eta' K(0)S$ decays. <i>Physical Review Letters</i> , <b>2003</b> , 91, 261602	7.4	76
900	Search for Dark Photons Produced in $13 \text{ TeV}$ pp Collisions. <i>Physical Review Letters</i> , <b>2018</b> , 120, 061801	7.4	75
899	Searches for neutral Higgs bosons in extended models. <i>European Physical Journal C</i> , <b>2004</b> , 38, 1-28	4.2	75
898	Observation of $B \rightarrow K^* l \bar{l}$ . <i>Physical Review Letters</i> , <b>2003</b> , 91, 261601	7.4	75



897	Observation of orbitally excited B mesons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1995</b> , 345, 598-608	4.2	75
896	High statistics study of the $f_0(980)$ resonance in $B \rightarrow \pi\pi$ production. <i>Physical Review D</i> , <b>2007</b> , 75,	4.9	73
895	HE-LHC: The High-Energy Large Hadron Collider. <i>European Physical Journal: Special Topics</i> , <b>2019</b> , 228, 1109-1382	2.3	72
894	Search for Majorana neutrinos in $B^- \rightarrow \mu^+ \mu^-$ decays. <i>Physical Review Letters</i> , <b>2014</b> , 112, 131802	7.4	70
893	Dalitz plot analysis of $B_s^0 \rightarrow D^0 K^0$ decays. <i>Physical Review D</i> , <b>2014</b> , 90,	4.9	70
892	Measurement of CP violation in the phase space of $B^0 \rightarrow K^0 \pi^+ \pi^-$ and $B^0 \rightarrow K^0 K^+ K^-$ decays. <i>Physical Review Letters</i> , <b>2013</b> , 111, 101801	7.4	70
891	Improved measurement of CP-violation parameters $\sin 2\phi_1$ and $ \eta $ B meson lifetimes, and $B^0$ - $B^0$ mixing parameter $\chi$ . <i>Physical Review D</i> , <b>2005</b> , 71,	4.9	70
890	Observation of CP violation in $B^0 \rightarrow DK^0$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2012</b> , 712, 203-212	4.2	69
889	Study of D J meson decays to $D^+ \pi^0 \pi^0$ and $D^{*+} \pi^0$ final states in pp collisions. <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5.4	69
888	Measurement of forward-backward asymmetry and Wilson coefficients in $B \rightarrow K^* l^+ l^-$ . <i>Physical Review Letters</i> , <b>2006</b> , 96, 251801	7.4	69
887	Search for charged Higgs bosons at LEP in general two Higgs doublet models. <i>European Physical Journal C</i> , <b>2004</b> , 34, 399-418	4.2	69
886	Measurement of inclusive radiative B-meson decays with a photon energy threshold of 1.7 GeV. <i>Physical Review Letters</i> , <b>2009</b> , 103, 241801	7.4	68
885	Observation of excited $(\Lambda_b)(0)$ baryons. <i>Physical Review Letters</i> , <b>2012</b> , 109, 172003	7.4	68
884	First observation of $B_s^0 \rightarrow J/\psi f_0(980)$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2011</b> , 698, 115-122	4.2	66
883	Observation of the $\psi(1680)$ and the $Y(2175)$ in $e^+e^- \rightarrow \psi \pi^0$ . <i>Physical Review D</i> , <b>2009</b> , 80,	4.9	66
882	Search for lepton flavour number violating $Z^0$ - decays. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1997</b> , 73, 243-251		66
881	Observation of the $\psi(4415) \rightarrow DD^*(2460)$ decay using initial-state radiation. <i>Physical Review Letters</i> , <b>2008</b> , 100, 062001	7.4	66
880	Measurements of prompt charm production cross-sections in pp collisions at $(\sqrt{s}=13)$ TeV. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	65



879	Search for Hidden-Sector Bosons in $B(0) \rightarrow K(0) \ell^+ \ell^-$ Decays. <i>Physical Review Letters</i> , <b>2015</b> , 115, 161802	7.4	65
878	Measurement of $\beta_3$ with Dalitz plot analysis of $B_{\text{c}} \rightarrow D^{(*)} K_{\text{c}}$ decay. <i>Physical Review D</i> , <b>2004</b> , 70,	4.9	65
877	$(\pi^{\pm})$ , $(K^{\pm})$ , $p$ and $(\bar{p})$ production in $(Z^0 \rightarrow q\bar{q})$ , $(Z^0 \rightarrow b\bar{b})$ , $(Z^0 \rightarrow u\bar{u})$ , $(d\bar{d})$ , $(s\bar{s})$ <b>1998</b> , 5, 585		65
876	Study of the production of $\Lambda$ and hadrons in $pp$ collisions and first measurement of the branching fraction. <i>Chinese Physics C</i> , <b>2016</b> , 40, 011001	2.2	65
875	Search for Structure in the $B_{\text{s}}^0$ Invariant Mass Spectrum. <i>Physical Review Letters</i> , <b>2016</b> , 117, 152003	7.4	64
874	Measurement of the $e^+e^- \rightarrow D_0 D^{*0}$ cross section using initial-state radiation. <i>Physical Review D</i> , <b>2009</b> , 80,	4.9	64
873	Measurement of $D_0 \rightarrow \pi l \nu$ ( $K l \nu$ ) form factors and absolute branching fractions. <i>Physical Review Letters</i> , <b>2006</b> , 97, 061804	7.4	64
872	Charm hadrons from fragmentation and $B$ decays in $e^+e^-$ annihilation at $s=10.6$ GeV. <i>Physical Review D</i> , <b>2006</b> , 73,	4.9	64
871	Observation of large CP violation and evidence for direct CP violation in $B_0 \rightarrow \pi^+ \pi^-$ decays. <i>Physical Review Letters</i> , <b>2004</b> , 93, 021601	7.4	64
870	Differential branching fraction and angular analysis of the $B^+ \rightarrow K^+ \pi^+ \pi^-$ decay. <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5.4	63
869	Measurement of $(2)$ meson production in collisions at [Formula: see text]. <i>European Physical Journal C</i> , <b>2012</b> , 72, 2100	4.2	63
868	Improved constraints on $D_0$ - $D_0$ mixing in $D_0 \rightarrow K^+ \pi^-$ decays from the Belle detector. <i>Physical Review Letters</i> , <b>2006</b> , 96, 151801	7.4	63
867	Experimental constraints on the spin and parity of the $\Lambda_c(2880)^+$ . <i>Physical Review Letters</i> , <b>2007</b> , 98, 262001	7.4	63
866	Observation of $B^+ \rightarrow p p \pi^+$ , $B_0 \rightarrow p p K^0$ , and $B^+ \rightarrow p p K^{*+}$ . <i>Physical Review Letters</i> , <b>2004</b> , 92, 131801	7.4	62
865	Measurement of CP violation in the phase space of $B_{\text{c}} \rightarrow K^+ K^- \pi$ and $B_{\text{c}} \rightarrow \pi^+ \pi^- \pi$ decays. <i>Physical Review Letters</i> , <b>2014</b> , 112, 011801	7.4	61
864	Observation of overlapping spin-1 and spin-3 $D_0 K^-$ resonances at mass 2.86 GeV/c <sup>2</sup> . <i>Physical Review Letters</i> , <b>2014</b> , 113, 162001	7.4	61
863	Search for the Standard Model Higgs boson at LEP in the year 2000. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2001</b> , 499, 23-37	4.2	61
862	Study of $J/\psi$ production and cold nuclear matter effects in $p\text{Pb}$ collisions at $(\sqrt{s_{\text{NN}}}) = 5$ TeV. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	60

861	Inclusive W and Z production in the forward region at ( $\sqrt{s} = 7, \text{TeV}$ ). <i>Journal of High Energy Physics</i> , <b>2012</b> , 2012, 1	5-4	60
860	Time-dependent CP-violating asymmetries in $b \rightarrow s\bar{q}q$ transitions. <i>Physical Review D</i> , <b>2005</b> , 72,	4-9	60
859	Search for $A^{\prime} \rightarrow \mu^{+}\mu^{-}$ Decays. <i>Physical Review Letters</i> , <b>2020</b> , 124, 041801	7-4	60
858	Measurement of the isospin asymmetry in $B \rightarrow K^{*}\pi$ decays. <i>Journal of High Energy Physics</i> , <b>2012</b> , 2012, 1	5-4	59
857	Analysis of the resonant components in $B_{s0} \rightarrow J/\psi\pi$ <i>Physical Review D</i> , <b>2012</b> , 86,	4-9	59
856	Search for doubly charged Higgs bosons at LEP2. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2003</b> , 552, 127-137	4-2	59
855	Production of $J/\psi$ and ( $\varphi$ ) mesons in pp collisions at ( $\sqrt{s}=8$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5-4	58
854	Search for the rare decays $B_{s0} \rightarrow \pi\pi$ and $B_0 \rightarrow \pi\pi$ <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2011</b> , 699, 330-340	4-2	58
853	Measurement of $\beta_3$ with a Dalitz plot analysis of $B^{+} \rightarrow D^{*}K^{*+}$ decay. <i>Physical Review D</i> , <b>2006</b> , 73,	4-9	58
852	A study of the energy evolution of event shape distributions and their means with the DELPHI detector at LEP. <i>European Physical Journal C</i> , <b>2003</b> , 29, 285-312	4-2	57
851	Amplitude analysis of $B^{+} \rightarrow J/\psi K^{+}$ decays. <i>Physical Review D</i> , <b>2017</b> , 95,	4-9	56
850	Measurement of b-hadron masses. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2012</b> , 708, 241-248	4-2	55
849	Observation of the decay $B(c)^{+} \rightarrow B(s)(0)\pi$ . <i>Physical Review Letters</i> , <b>2013</b> , 111, 181801	7-4	55
848	Determination of the sign of the decay width difference in the $B(s)(0)$ system. <i>Physical Review Letters</i> , <b>2012</b> , 108, 241801	7-4	55
847	Search for the X(4140) state in $B^{+} \rightarrow J/\psi K^{+}$ decays. <i>Physical Review D</i> , <b>2012</b> , 85,	4-9	55
846	High Statistics Measurement of the Cross Sections of $B \rightarrow \pi\pi$ Production. <i>Journal of the Physical Society of Japan</i> , <b>2007</b> , 76, 074102	1-5	55
845	Differential branching fraction and angular analysis of $B \rightarrow \pi\pi$ decays. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015,	5-4	54
844	Measurement of resonant and CP components in $B_{s0} \rightarrow J/\psi\pi$ decays. <i>Physical Review D</i> , <b>2014</b> , 89,	4-9	54

843	First Observation of the Doubly Charmed Baryon Decay $\Xi_{cc}^{++} \rightarrow \Xi_c^+ \pi^+$ . <i>Physical Review Letters</i> , <b>2018</b> , 121, 162002	7.4	54
842	Precision measurement of CP violation in $B(S)(0) \rightarrow J/\psi K^-$ decays. <i>Physical Review Letters</i> , <b>2015</b> , 114, 041801	7.4	53
841	Dalitz plot analysis of $B_0 \rightarrow D \pi \pi$ decays. <i>Physical Review D</i> , <b>2015</b> , 92,	4.9	53
840	Measurements of $B(c)^+$ production and mass with the $B(c)^+ \rightarrow J/\psi$ decay. <i>Physical Review Letters</i> , <b>2012</b> , 109, 232001	7.4	53
839	Search for a CP asymmetry in Cabibbo-suppressed $D_0$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2008</b> , 670, 190-195	4.2	53
838	Measurement of the $\alpha_s$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2005</b> , 615, 39-49	4.2	53
837	Study of the baryon-antibaryon low-mass enhancements in charmless three-body baryonic B decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2005</b> , 617, 141-149	4.2	53
836	Measurement of the resonant and CP components in $B \rightarrow J/\psi \pi$ decays. <i>Physical Review D</i> , <b>2014</b> , 90,	4.9	52
835	Observation of CP Violation in Charm Decays. <i>Physical Review Letters</i> , <b>2019</b> , 122, 211803	7.4	51
834	Measurement of b-hadron branching fractions for two-body decays into charmless charged hadrons. <i>Journal of High Energy Physics</i> , <b>2012</b> , 2012,	5.4	51
833	Studies of CP violation in $B \rightarrow J/\psi K^*$ decays. <i>Physical Review Letters</i> , <b>2005</b> , 95, 091601	7.4	51
832	Observation of a New $\Xi_b^{\prime}$ Resonance. <i>Physical Review Letters</i> , <b>2018</b> , 121, 072002	7.4	50
831	First observation of the decay $B(c)^+ \rightarrow J/\psi \pi^+$ . <i>Physical Review Letters</i> , <b>2012</b> , 108, 251802	7.4	50
830	b-tagging in DELPHI at LEP. <i>European Physical Journal C</i> , <b>2004</b> , 32, 185-208	4.2	50
829	Energy dependence of the differences between the quark and gluon jet fragmentation. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1996</b> , 70, 179-195		50
828	Precision measurement of the $B_0 \rightarrow \overline{B}_0$ oscillation frequency with the decay $B_0 \rightarrow D \pi$ . <i>New Journal of Physics</i> , <b>2013</b> , 15, 053021	2.9	49
827	Search for long-lived scalar particles in $B^+ \rightarrow K^+ \pi^0$ decays. <i>Physical Review D</i> , <b>2017</b> , 95,	4.9	48
826	Precision measurement of D meson mass differences. <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013,	5.4	48

825	Measurements of the S-wave fraction in $B^0 \rightarrow K^+ \pi^- \pi^0$ decays and the $B^0 \rightarrow K^*(892)^0 \pi^+ \pi^-$ differential branching fraction. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5-4	48
824	Measurement of forward $J/\psi$ production cross-sections in pp collisions at $(\sqrt{s}=13)$ TeV. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5-4	47
823	Measurements of CP violation in the three-body phase space of charmless $B^0$ decays. <i>Physical Review D</i> , <b>2014</b> , 90,	4-9	47
822	Searches for Majorana neutrinos in $B^0$ decays. <i>Physical Review D</i> , <b>2012</b> , 85,	4-9	47
821	Dalitz analysis of three-body charmless $B^0 \rightarrow K^0 \pi^+ \pi^-$ decay. <i>Physical Review D</i> , <b>2007</b> , 75,	4-9	47
820	Single intermediate vector boson production in $e^+ e^-$ collisions * at $(\sqrt{s} = \sqrt{s})$ 183-209 GeV. <i>European Physical Journal C</i> , <b>2006</b> , 45, 273-289	4-2	47
819	Measurement and interpretation of fermion-pair production at LEP energies of 183 and 189 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2000</b> , 485, 45-61	4-2	47
818	Energy dependence of event shapes and of $\pi$ s at LEP 2. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1999</b> , 456, 322-340	4-2	47
817	Observation of $B_c^{++} \rightarrow J/\psi D_s^+$ and $B_c^{++} \rightarrow J/\psi D_s^{*+}$ decays. <i>Physical Review D</i> , <b>2013</b> , 87,	4-9	46
816	Study of $\Xi^0$ and $\Xi^{*0}$ baryons at Belle. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2009</b> , 672, 1-5	4-2	46
815	Measurement of the branching fraction, polarization, and asymmetry for decays, and determination of the Cabibbo-Kobayashi-Maskawa phase. <i>Physical Review Letters</i> , <b>2006</b> , 96, 171801	7-4	46
814	Search for $B \rightarrow h^{(*)} \nu \bar{\nu}$ decays at Belle. <i>Physical Review Letters</i> , <b>2007</b> , 99, 221802	7-4	46
813	Measurement of matter-antimatter differences in beauty baryon decays. <i>Nature Physics</i> , <b>2017</b> , 13, 391-396	6-2	45
812	Measurement of B meson production cross-sections in proton-proton collisions at $(\sqrt{s}=7)$ TeV. <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5-4	45
811	Observation of $D^0$ - $\bar{D}^0$ oscillations. <i>Physical Review Letters</i> , <b>2013</b> , 110, 101802	7-4	45
810	Observation of $B^{++} \rightarrow K^+(1270)^+ \gamma$ . <i>Physical Review Letters</i> , <b>2005</b> , 94, 111802	7-4	45
809	Amplitude analysis of $B^0 \rightarrow D^+ \pi^-$ decays. <i>Physical Review D</i> , <b>2016</b> , 94,	4-9	45
808	Measurement of the Lifetime of the Doubly Charmed Baryon $\Xi_{cc}^{++}$ . <i>Physical Review Letters</i> , <b>2018</b> , 121, 052002	7-4	44

807	mb at MZ. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1998</b> , 418, 430-442	4.2	44
806	Photon events with missing energy at $(\sqrt{s})=183$ to 189 GeV. <i>European Physical Journal C</i> , <b>2000</b> , 17, 53-65	4.2	44
805	Precision measurement of the ratio of the . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2014</b> , 734, 122-130	4.2	43
804	First evidence of direct CP violation in charmless two-body decays of $B_s^0$ mesons. <i>Physical Review Letters</i> , <b>2012</b> , 108, 201601	7.4	43
803	Observation of a resonance in $B^+ \rightarrow K^+ \chi_{c1}$ decays at low recoil. <i>Physical Review Letters</i> , <b>2013</b> , 111, 112003	4.4	43
802	Measurement of the $e^+e^- \rightarrow J/\psi \chi_{c1}$ cross section at $\sqrt{s} \approx 0.6$ GeV. <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	43
801	Measurements of branching fractions and . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2007</b> , 648, 139-148	4.2	43
800	Measurement of CP asymmetry in $D^0 \rightarrow K^+ K^-$ and $D^0 \rightarrow \pi^+ \pi^-$ decays. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	42
799	Measurement of the $B_s^0 \rightarrow B^0$ oscillation frequency $\Delta m_s$ in $B_s^0 \rightarrow D_s(B)$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2012</b> , 709, 177-184	4.2	42
798	Measurement of the exclusive $\chi_{c1}$ production cross-section in pp collisions at $(\sqrt{s}=7)$ TeV and 8 TeV. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5.4	42
797	Measurement of the ratio of prompt . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2012</b> , 718, 431-440	4.2	42
796	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> , <b>2013</b> , 110, 151803	7.4	42
795	Observation of direct CP violation in $B^0 \rightarrow \pi^+ \pi^-$ decays and model-independent constraints on the quark-mixing angle $\phi_2$ . <i>Physical Review Letters</i> , <b>2007</b> , 98, 211801	7.4	42
794	Time-dependent CP asymmetries in $B^0 \rightarrow K_s^0 \chi_{c1}$ transitions. <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	42
793	Measurement of the $\chi_{c1}$ production cross-section in proton-proton collisions via the decay $\chi_{c1} \rightarrow \gamma \chi_{c0}$ . <i>European Physical Journal C</i> , <b>2015</b> , 75, 311	4.2	41
792	Search for the doubly charmed baryon ( $\Xi_{cc}^{++}$ ). <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5.4	41
791	Measurement of the cross-section ratio . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2012</b> , 714, 215-223	4.2	41
790	Production of $\chi_{c1}$ and $\chi_{c0}$ correlations in the hadronic decays of the $Z^0$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1993</b> , 318, 249-262	4.2	41

789	Search for the Decays $B_{(s)}^{0} \rightarrow \bar{D}^{+} D^{-}$ and $B^{0} \rightarrow \bar{D}^{+} D^{-}$ . <i>Physical Review Letters</i> , <b>2017</b> , 118, 251802	7.4	40
788	High-statistics study of neutral-pion pair production in two-photon collisions. <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	40
787	Measurement and interpretation of the W-pair cross-section in $e+e^{-}$ interactions at 161 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1997</b> , 397, 158-170	4.2	40
786	Study of multi-muon bundles in cosmic ray showers detected with the DELPHI detector at LEP. <i>Astroparticle Physics</i> , <b>2007</b> , 28, 273-286	2.4	40
785	Observation of $B^{+-} \rightarrow \Lambda \Lambda K^{+}$ . <i>Physical Review Letters</i> , <b>2004</b> , 93, 211801	7.4	40
784	Determination of $\beta_S$ from the scaling violation in the fragmentation functions in $e+e^{-}$ annihilation. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1993</b> , 311, 408-424	4.2	40
783	Measurement of the Mass Difference Between Neutral Charm-Meson Eigenstates. <i>Physical Review Letters</i> , <b>2019</b> , 122, 231802	7.4	39
782	Opposite-side flavour tagging of mesons at the LHCb experiment. <i>European Physical Journal C</i> , <b>2012</b> , 72, 2022	4.2	39
781	Differential branching fraction and angular analysis of the decay $B^0 \rightarrow K^{*0} \mu^{+} \mu^{-}$ . <i>Physical Review Letters</i> , <b>2012</b> , 108, 181806	7.4	39
780	Measurement of Einstein-Podolsky-Rosen-type flavor entanglement in $Upsilon(4S) \rightarrow B^0 \bar{B}^0$ decays. <i>Physical Review Letters</i> , <b>2007</b> , 99, 131802	7.4	39
779	Measurement of the Decay $B_{(s)}^{0} \rightarrow D_{(s)}^{+} \pi^{-}$ and Evidence for $B_{(s)}^{0} \rightarrow D_{(s)}^{-} K^{+}$ in $e^{+}e^{-}$ Annihilation at $\sqrt{s}$ approximately 10.87 GeV. <i>Physical Review Letters</i> , <b>2009</b> , 102, 021801	7.4	38
778	Search for new phenomena using single photon events at LEP1. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1997</b> , 74, 577-586		38
777	Search for lepton flavor violating $\tau$ decays into $\mu\mu$ and $D$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2007</b> , 648, 341-350	4.2	38
776	Measurements of the branching fraction and polarization in $B^{+} \rightarrow \rho^{+} K^{*0}$ decays. <i>Physical Review Letters</i> , <b>2005</b> , 95, 141801	7.4	38
775	Observation of $B^0 \rightarrow \pi^0 \pi^0$ . <i>Physical Review Letters</i> , <b>2005</b> , 94, 181803	7.4	38
774	Inclusive measurements of the production in hadronic $Z^0$ decays. <i>Nuclear Physics B</i> , <b>1995</b> , 444, 3-26	2.8	38
773	Study of $B \rightarrow D^{*} \mu$ with full reconstruction tagging. <i>Physical Review D</i> , <b>2008</b> , 77,	4.9	37
772	Moments of the electron energy spectrum and partial branching fraction of $B \rightarrow X c e \mu$ decays at the Belle detector. <i>Physical Review D</i> , <b>2007</b> , 75,	4.9	37



771	Observation of $b \rightarrow d\gamma$ and determination of $ V_{td}/V_{ts} $ . <i>Physical Review Letters</i> , <b>2006</b> , 96, 221601	7.4	37
770	Charge asymmetry of same-sign dileptons in $B^0\bar{B}^0$ mixing. <i>Physical Review D</i> , <b>2006</b> , 73,	4.9	37
769	Improved measurements of cross sections and asymmetries at the Z0 resonance. <i>Nuclear Physics B</i> , <b>1994</b> , 418, 403-427	2.8	37
768	Measurement of the b-Quark Production Cross Section in 7 and 13 TeV pp Collisions. <i>Physical Review Letters</i> , <b>2017</b> , 118, 052002	7.4	36
767	First observation of the decay $(B_c^+ \rightarrow J/\psi K^+)$ . <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5.4	36
766	Measurement of $B(D_s^+ \rightarrow \mu^+ \nu(\mu))$ . <i>Physical Review Letters</i> , <b>2008</b> , 100, 241801	7.4	36
765	Study of $B^0 \rightarrow D^0 \pi^0$ decays. <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	36
764	Study of the decay mechanism for $B_c^+$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2008</b> , 659, 80-86	4.2	36
763	Observation of $B^+ \rightarrow \psi(3770)K^+$ . <i>Physical Review Letters</i> , <b>2004</b> , 93, 051803	7.4	36
762	Study of inclusive $J/\psi$ production in two-photon collisions at LEP II with the DELPHI detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2003</b> , 565, 76-86	4.2	36
761	The scale dependence of the hadron multiplicity in quark and gluon jets and a precise determination of $C_A/C_F$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1999</b> , 449, 383-400	4.2	36
760	Production of charged particles, $K_S^0$ , $K^0$ , $p$ and $\pi^0$ events and in the decay of b hadrons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1995</b> , 347, 447-466	4.2	36
759	Search for massive long-lived particles decaying semileptonically in the LHCb detector. <i>European Physical Journal C</i> , <b>2017</b> , 77, 224	4.2	35
758	Measurement of $B_c^+$ Production in Proton-Proton Collisions at $\sqrt{s}=8$ TeV. <i>Physical Review Letters</i> , <b>2015</b> , 114, 132001	7.4	35
757	Measurement of $[B_c^+]$ polarisation in $[B_c^+]$ collisions at $[B_c^+]=7$ TeV. <i>European Physical Journal C</i> , <b>2014</b> , 74, 2872	4.2	35
756	Observation of two new $(b)(-)$ baryon resonances. <i>Physical Review Letters</i> , <b>2015</b> , 114, 062004	7.4	35
755	First observation of the decay $B^+ \rightarrow \bar{K}^0 \pi^0$ . <i>Journal of High Energy Physics</i> , <b>2012</b> , 2012, 1	5.4	35
754	Search for one large extra dimension with the DELPHI detector at LEP. <i>European Physical Journal C</i> , <b>2009</b> , 60, 17-23	4.2	35



753	Search for lepton number violating decays $B^+ \rightarrow \mu^+ \mu^+$ and $B^+ \rightarrow K^- \mu^+$ . <i>Physical Review Letters</i> , <b>2012</b> , 108, 101601	7-4	35
752	Measurement of CP asymmetry in a time-dependent Dalitz analysis of $B^0 \rightarrow (\rho^0 \pi)^0$ and a constraint on the quark mixing matrix angle $\phi_2$ . <i>Physical Review Letters</i> , <b>2007</b> , 98, 221602	7-4	35
751	Search for single top production via FCNC at LEP at $\sqrt{s} = 189 \text{ GeV}$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2004</b> , 590, 21-34	4-2	35
750	Measurement of forward W and Z boson production in pp collisions at $s = 8 \sqrt{s} = 8 \text{ TeV}$ . <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016,	5-4	34
749	Measurement of the CP violating phase $\gamma$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2012</b> , 707, 497-505	4-2	34
748	Quantum numbers of the X(3872) state and orbital angular momentum in its $\pi J/\psi$ decay. <i>Physical Review D</i> , <b>2015</b> , 92,	4-9	34
747	Measurement of $D^0$ - $\bar{D}^0$ mixing parameters and search for CP violation using $D^0 \rightarrow K^+ \pi^-$ decays. <i>Physical Review Letters</i> , <b>2013</b> , 111, 251801	7-4	34
746	Absolute luminosity measurements with the LHCb detector at the LHC. <i>Journal of Instrumentation</i> , <b>2012</b> , 7, P01010-P01010	1	34
745	Moments of the hadronic invariant mass spectrum in $B \rightarrow X c \bar{c}$ decays at Belle. <i>Physical Review D</i> , <b>2007</b> , 75,	4-9	34
744	Measurement of inclusive $D_s$ , $D^0$ , and $J/\psi$ rates and determination of the $B_s^{(*)} B_s^{(*)}$ production fraction in $bb$ Events at the Upsilon(5S) resonance. <i>Physical Review Letters</i> , <b>2007</b> , 98, 052001	7-4	34
743	Identified charged particles in quark and gluon jets. <i>European Physical Journal C</i> , <b>2000</b> , 17, 207-222	4-2	34
742	Classification of the hadronic decays of the $Z^0$ into b and c quark pairs using a neural network. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1992</b> , 295, 383-395	4-2	34
741	Measurement of the W-pair cross-section and of the W mass in $(e^+ e^-)$ interactions at 172 GeV <b>1998</b> , 2, 581		34
740	Study of the $D^0 \rho$ amplitude in $\bar{D}^0 b \rightarrow D^0 \rho^+$ decays. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5-4	33
739	Measurement of the CP-violating phase $\gamma_s$ in $B^0 \rightarrow J/\psi \pi^0$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2014</b> , 736, 186-195	4-2	33
738	Measurement of the CKM angle $\bar{\Gamma}$ from a combination of $B^0 \rightarrow D^0 \pi^0$ analyses. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2013</b> , 726, 151-163	4-2	33
737	Study of $\chi_{c0}(\text{b})$ meson production in $pp$ collisions at $\sqrt{s} = 7$ and $8 \text{ TeV}$ . <i>European Physical Journal C</i> , <b>2014</b> , 74,	4-2	33
736	Measurement of the $\gamma$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2012</b> , 713, 186-195	4-2	33

735	First evidence for a charm radial excitation, D. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1998</b> , 426, 231-242	4.2	33
734	Study of $B_{\bar{c}} \rightarrow DCPK_{\bar{c}}$ and $DCP^*K_{\bar{c}}$ decays. <i>Physical Review D</i> , <b>2006</b> , 73,	4.9	33
733	Consistent measurements of $(\alpha_s)$ from precise oriented event shape distributions. <i>European Physical Journal C</i> , <b>2000</b> , 14, 557-584	4.2	33
732	Cross-sections and leptonic forward-backward asymmetries from the $Z^{(0)}$ running of LEP. <i>European Physical Journal C</i> , <b>2000</b> , 16, 371-405	4.2	33
731	Determination of $ V_{cb} $ from the semileptonic decay $B \rightarrow D^{*-} \ell^+ \nu$ . <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1996</b> , 71, 539-553		33
730	Identification of beauty and charm quark jets at LHCb. <i>Journal of Instrumentation</i> , <b>2015</b> , 10, P06013-P06013		32
729	Measurement of the $[Formula: see text]$ meson lifetime using $[Formula: see text]$ decays. <i>European Physical Journal C</i> , <b>2014</b> , 74, 2839	4.2	32
728	Precision measurement of the $B(0)$ baryon lifetime. <i>Physical Review Letters</i> , <b>2013</b> , 111, 102003	7.4	32
727	Study of W-boson polarisations and triple gauge boson couplings in the reaction $e^+e^- \rightarrow W+W^-$ at LEP 2. <i>European Physical Journal C</i> , <b>2008</b> , 54, 345-364	4.2	32
726	Measurement of $V_{cb}$ from the decay process $B^0 \rightarrow D^{*+} \pi^-$ <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2001</b> , 510, 55-74	4.2	32
725	Measurements of long-range near-side angular correlations in $\sqrt{s_{NN}}=5\text{TeV}$ proton-lead collisions in the forward region. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2016</b> , 762, 473-483	4.2	32
724	Measurement of the relative rate of prompt $\tau_0$ , $\tau_1$ and $\tau_2$ production at $(\sqrt{s}=7)$ TeV. <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5.4	31
723	Measurement of the forward Z boson production cross-section in pp collisions at $(\sqrt{s}=7)$ TeV. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5.4	31
722	Measurement of the flavour-specific CP-violating asymmetry. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2014</b> , 728, 607-615	4.2	31
721	Measurement of the CP-violating phase. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2012</b> , 713, 378-386	4.2	31
720	Measurement of the. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2013</b> , 718, 902-909	4.2	31
719	Search for invisible decay of the Upsilon(1S). <i>Physical Review Letters</i> , <b>2007</b> , 98, 132001	7.4	31
718	Measurement of the triple-gluon vertex from 4-jet events at LEP. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1993</b> , 59, 357-368		31

717	Study of the kinematic dependences of $\Lambda_b$ production in pp collisions and a measurement of the $\Lambda_b \rightarrow \Lambda_c \pi$ branching fraction. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	30
716	Search for $D(s) \rightarrow \pi^0 \pi^0$ and $D(s) \rightarrow \pi^0 \pi^+$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2013</b> , 724, 203-212	4.2	30
715	First observation and amplitude analysis of the $B \rightarrow D + K$ decay. <i>Physical Review D</i> , <b>2015</b> , 91,	4.9	30
714	Precision measurement of the mass and lifetime of the $\Lambda_b(0)$ baryon. <i>Physical Review Letters</i> , <b>2014</b> , 113, 032001	7.4	30
713	Measurement of $ V_{ub} $ from inclusive charmless semileptonic B decays. <i>Physical Review Letters</i> , <b>2010</b> , 104, 021801	7.4	30
712	Measurement of the tau lepton mass and an upper limit on the mass difference between tau+ and tau-. <i>Physical Review Letters</i> , <b>2007</b> , 99, 011801	7.4	30
711	Searches for invisibly decaying Higgs bosons with the DELPHI detector at LEP. <i>European Physical Journal C</i> , <b>2004</b> , 32, 475-492	4.2	30
710	Measurement of $ V_{ub} $ near the endpoint of the electron momentum spectrum from semileptonic B-meson decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2005</b> , 621, 28-40	4.2	30
709	Two-dimensional analysis of the Bose-Einstein correlations in $e^+e^-$ annihilation at the Z0 peak. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2000</b> , 471, 460-470	4.2	30
708	Observation of the $\Lambda_b \rightarrow J/\psi \pi$ decay. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	29
707	Observation of photon polarization in the $b \rightarrow s \gamma$ transition. <i>Physical Review Letters</i> , <b>2014</b> , 112, 161801	7.4	29
706	Search for the rare decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2012</b> , 708, 55-67	4.2	29
705	Measurement of the ratio of branching fractions $B(B^0 \rightarrow K^0 \pi^0)/B(B_s^0 \rightarrow \pi^0 \pi^0)$ and the direct CP asymmetry in $B^0 \rightarrow K^0 \pi^0$ . <i>Nuclear Physics B</i> , <b>2013</b> , 867, 1-18	2.8	29
704	Measurement of the differential branching fraction of the decay. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2013</b> , 725, 25-35	4.2	29
703	Measurement of $ V_{ub} $ using inclusive $B \rightarrow X(u) \ln u$ decays with a novel $X(u)$ -reconstruction method. <i>Physical Review Letters</i> , <b>2004</b> , 92, 101801	7.4	29
702	Final results from DELPHI on the searches for SM and MSSM neutral Higgs bosons. <i>European Physical Journal C</i> , <b>2004</b> , 32, 145-183	4.2	29
701	Energy dependence of inclusive spectra in $e^+e^-$ annihilation. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1999</b> , 459, 397-411	4.2	29
700	Limits on the production of scalar leptoquarks from Z0 decays at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1993</b> , 316, 620-630	4.2	29

699	Measurement of inclusive production of light meson resonances in hadronic decays of the Z0. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1993</b> , 298, 236-246	4.2	29
698	Observation of Two Resonances in the $B^0$ Systems and Precise Measurement of $B^0$ and $B^{*0}$ Properties. <i>Physical Review Letters</i> , <b>2019</b> , 122, 012001	7.4	29
697	Measurement of the semileptonic CP asymmetry in $B^0$ - $B^0$ mixing. <i>Physical Review Letters</i> , <b>2015</b> , 114, 041601	7.4	28
696	Measurement of the spin density matrix for the $\rho^0$ , $K^*(892)$ and $F$ produced in Z0 decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1997</b> , 406, 271-286	4.2	28
695	Measurement of trilinear gauge couplings in $e^+e^-$ collisions at 161 GeV and 172 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1998</b> , 423, 194-206	4.2	28
694	Measurement of the mass and width of the W boson in $e^+e^-$ collisions at $(\sqrt{s}) = 161$ - $209$ GeV. <i>European Physical Journal C</i> , <b>2008</b> , 55, 1	4.2	28
693	Measurement of the W-pair production cross-section and W branching ratios in $e^+e^-$ collisions at $(\sqrt{s}) = 161$ - $209$ GeV. <i>European Physical Journal C</i> , <b>2004</b> , 34, 127-144	4.2	28
692	Measurement of $K^+K^-$ production in two-photon collisions in the resonant-mass region. <i>European Physical Journal C</i> , <b>2003</b> , 32, 323-336	4.2	28
691	Search for Leptoquarks and FCNC in $e^+e^-$ annihilations at $s=183$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1999</b> , 446, 62-74	4.2	28
690	Observation of short range three-particle correlations in $e^+e^-$ annihilations at LEP energies. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1995</b> , 355, 415-424	4.2	28
689	$J/\psi$ production in the hadronic decays of the Z. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1994</b> , 341, 109-122	4.2	28
688	Measurement of the gluon fragmentation function and a comparison of the scaling violation in gluon and quark jets <b>2000</b> , 13, 573		28
687	Study of prompt $D^0$ meson production in pPb collisions at $(\sqrt{s_{\text{NN}}})=5$ TeV. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	27
686	Addendum: Observation of double charm production involving open charm in pp collisions at $(\sqrt{s}) = 7$ TeV. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	27
685	Study of $(\varphi)$ production and cold nuclear matter effects in pPb collisions at $(\sqrt{s_{\text{NN}}}) = 5$ TeV. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	27
684	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> , <b>2013</b> , 724, 36-45	4.2	27
683	First measurement of the differential branching fraction and CP asymmetry of the $B^0 \rightarrow \pi^+ \pi^-$ decay. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015,	5.4	27
682	Observation of $B_{(s)}(0) \rightarrow \pi^0 \gamma$ and search for $B_{(s)}(0) \rightarrow \gamma \gamma$ decays at Belle. <i>Physical Review Letters</i> , <b>2008</b> , 100, 121801	7.4	27

681	Measurement of the quark mixing parameter $\cos 2\phi_1$ using time-dependent Dalitz analysis of $B^0 \rightarrow D[K_S(0)\pi + \pi^-]h^0$ . <i>Physical Review Letters</i> , <b>2006</b> , 97, 081801	7.4	27
680	Prompt and nonprompt $J/\psi$ production and nuclear modification in pPb collisions at $\sqrt{s_{NN}}=8.16$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2017</b> , 774, 159-178	4.2	26
679	Measurement of b hadron fractions in 13 TeV pp collisions. <i>Physical Review D</i> , <b>2019</b> , 100,	4.9	26
678	Search for long-lived particles decaying to jet pairs. <i>European Physical Journal C</i> , <b>2015</b> , 75, 152	4.2	26
677	Precision measurement of the mass and lifetime of the $\Xi^0$ baryon. <i>Physical Review Letters</i> , <b>2014</b> , 113, 242002	7.4	26
676	Search for the $B_c$ meson. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1997</b> , 398, 207-222	4.2	26
675	A study of the hadronic resonance structure in the decay $\Xi^0 \rightarrow 3\pi$ <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1998</b> , 426, 411-427	4.2	26
674	Observation of $e^+e^- \rightarrow K^+K^-/\pi^+\pi^-$ via initial-state radiation at Belle. <i>Physical Review D</i> , <b>2008</b> , 77,	4.9	26
673	Search for $B^0 \rightarrow l^+l^-$ at the Belle detector. <i>Physical Review D</i> , <b>2003</b> , 68,	4.9	26
672	Search for $\chi_{c0}$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2005</b> , 613, 20-28	4.2	26
671	Measurement of $\chi_{c0}$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2005</b> , 621, 41-55	4.2	26
670	Determination of $\Gamma_{ub}/\Gamma_{ub}$ from measurements of the inclusive charmless semileptonic partial rates of B mesons using full reconstruction tags. <i>Physical Review Letters</i> , <b>2005</b> , 95, 241801	7.4	26
669	Measurement of trilinear gauge boson couplings $WWV$ , $(V?Z,\gamma)$ in $e^+e^-$ collisions at 189 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2001</b> , 502, 9-23	4.2	26
668	A measurement of the photon structure function $F_2^\gamma$ at an average $Q^2$ of 12 GeV $^2/c^4$ . <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1996</b> , 69, 223-233		26
667	Search for the standard model Higgs boson in $Z^0$ decays. <i>Nuclear Physics B</i> , <b>1994</b> , 421, 3-37	2.8	26
666	Search for composite and exotic fermions at LEP 2 <b>1999</b> , 8, 41		26
665	Evidence for an resonance in decays. <i>European Physical Journal C</i> , <b>2018</b> , 78, 1019	4.2	26
664	Measurement of the phase difference between short- and long-distance amplitudes in the $[Formula: see text]$ decay. <i>European Physical Journal C</i> , <b>2017</b> , 77, 161	4.2	25

663	Measurement of the Difference of Time-Integrated CP Asymmetries in $D^0 \rightarrow K^+ K^-$ and $D^0 \rightarrow \pi^+ \pi^-$ Decays. <i>Physical Review Letters</i> , <b>2016</b> , 116, 191601	7.4	25
662	First measurement of time-dependent CP violation in $(B_s^0 \rightarrow \{K^+\} \{K^-\})$ decays. <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5.4	25
661	Evidence for the decay $B^0 \rightarrow J/\psi$ and measurement of the relative branching fractions of $B_s^0$ meson decays to $J/\psi$ and $J/\psi$ . <i>Nuclear Physics B</i> , <b>2013</b> , 867, 547-566	2.8	25
660	Measurement of the $J/\psi$ pair production cross-section in pp collisions at $(\sqrt{s}=13)$ TeV. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	25
659	Model-independent confirmation of the $Z(4430)$ state. <i>Physical Review D</i> , <b>2015</b> , 92,	4.9	25
658	Measurement of the lifetime of the $B_c^+$ meson using the $B_c^+ \rightarrow J/\psi$ decay mode. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2015</b> , 742, 29-37	4.2	25
657	Studies of beauty baryon decays to $D^0 p$ and $\bar{D}^0 h$ final states. <i>Physical Review D</i> , <b>2014</b> , 89,	4.9	25
656	Search for the lepton-flavor-violating decays $B(s)0 \rightarrow e(\mu)\tau$ and $B^0 \rightarrow e(\mu)\tau$ . <i>Physical Review Letters</i> , <b>2013</b> , 111, 141801	7.4	25
655	A study of the b-quark fragmentation function with the DELPHI detector at LEP I and an averaged distribution obtained at the Z Pole. <i>European Physical Journal C</i> , <b>2011</b> , 71, 1	4.2	25
654	First observation of $B_s^0 \rightarrow D_s^2 \pi$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2011</b> , 698, 14-20	4.2	25
653	Observation of the decay $(4S) \rightarrow (\psi)\pi$ . <i>Physical Review D</i> , <b>2007</b> , 75,	4.9	25
652	Measurement of masses of the $\psi(3770)$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2008</b> , 665, 9-15	4.2	25
651	Measurement of the $B^0$ decay form factor. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2004</b> , 585, 63-84	4.2	25
650	Determination of $ V_{ub} / V_{cb} $ with DELPHI at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2000</b> , 478, 14-30	4.2	25
649	Charged particle multiplicity in $e^+e^-$ interactions at $s = 130$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1996</b> , 372, 172-180	4.2	25
648	Search for exclusive decays of the $\bar{\Lambda}$ baryon and measurement of its mass. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1996</b> , 374, 351-361	4.2	25
647	Measurement and interpretation of fermion-pair production at LEP energies from 130 to 172 GeV. <i>Physical Review D</i> , <b>1999</b> , 11, 383		25
646	A precise measurement of the partial decay width ratio $(\Gamma_{\text{had}}/\Gamma_{\text{had}})^0 = \Gamma_{\text{had}}/\Gamma_{\text{had}}$ . <i>Physical Review D</i> , <b>1999</b> , 10, 415		25



645	Production of associated $\Upsilon$ 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> , <b>2016</b> , 2016, 1	5-4	25
644	Measurement of charged particle multiplicities in pp collisions at ( $\sqrt{s}=7$ TeV) in the forward region. <i>European Physical Journal C</i> , <b>2012</b> , 72, 1	4-2	24
643	Measurement of the CP-violating phase $\arg(B^0 \rightarrow J/\psi K_S)$ decays and limits on penguin effects. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2015</b> , 742, 38-49	4-2	24
642	First observation of a baryonic $B_c^+$ decay. <i>Physical Review Letters</i> , <b>2014</b> , 113, 152003	7-4	24
641	Study of $D_{sJ}$ decays to $\{D^{*+}\}K_{\text{S}}^0$ and $D^0 K^+$ final states in pp collisions. <i>Journal of High Energy Physics</i> , <b>2012</b> , 2012,	5-4	24
640	Measurement of correlations between pions from different $W$ 's in $e^+e^- \rightarrow W^+W^-$ events. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1997</b> , 401, 181-191	4-2	24
639	A search for heavy stable and long-lived squarks and sleptons in $e^+e^-$ collisions at energies from 130 to 183 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1998</b> , 444, 491-502	4-2	24
638	Study of decay mechanisms in $B \rightarrow \Lambda_c^+ p$ decays and observation of low-mass structure in the $\Lambda_c^+ p$ system. <i>Physical Review Letters</i> , <b>2006</b> , 97, 242001	7-4	24
637	Measurement and interpretation of fermion-pair production at LEP energies above the Z resonance. <i>European Physical Journal C</i> , <b>2006</b> , 45, 589-632	4-2	24
636	Observation of the decays $B^0 \rightarrow K^+ \pi^-$ and $B^0 \rightarrow \bar{K}^+ \pi^-$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2004</b> , 599, 148-158	4-2	24
635	Measurement of the ( $e^+ + e^- \rightarrow W^+ + W^- \gamma$ ) cross-section and limits on anomalous quartic gauge couplings with DELPHI. <i>European Physical Journal C</i> , <b>2003</b> , 31, 139-147	4-2	24
634	Measurement of the wrong-sign decays $D^0 \rightarrow K^+ \pi^- \pi^0$ and $D^0 \rightarrow K^+ \pi^- \pi^+ \pi^-$ , and search for CP violation. <i>Physical Review Letters</i> , <b>2005</b> , 95, 231801	7-4	24
633	Search for a fermiophobic Higgs at LEP 2. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2001</b> , 507, 89-103	4-2	24
632	Charged and identified particles in the hadronic decay of W bosons and in ( $e^+e^- \rightarrow \text{q}\bar{\text{q}}$ ) from 130 to 200 GeV. <i>European Physical Journal C</i> , <b>2000</b> , 18, 203-228	4-2	24
631	Measurement of the $e^+e^- \rightarrow \tau^+\tau^-$ cross section at LEP energies. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1994</b> , 327, 386-396	4-2	24
630	Measurement of $\bar{B}$ production and lifetime in $Z^0$ hadronic decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1993</b> , 311, 379-390	4-2	24
629	Measurement of $\Upsilon$ production in $\text{pp}$ collisions at $\sqrt{s} = 2.76$ TeV. <i>European Physical Journal C</i> , <b>2014</b> , 74,	4-2	23
628	Search for the rare decay $D^0 \rightarrow \mu^+ \mu^-$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2013</b> , 725, 15-24	4-2	23



627	Measurement of the shape of the $B^0 \rightarrow \pi^+ \pi^-$ differential decay rate. <i>Physical Review D</i> , <b>2017</b> , 96,	4.9	23
626	Updated search for long-lived particles decaying to jet pairs. <i>European Physical Journal C</i> , <b>2017</b> , 77, 812	4.2	23
625	Measurement of the ratio of $B_c^+$ branching fractions to $J/\psi$ and $J/\psi$ final states. <i>Physical Review D</i> , <b>2014</b> , 90,	4.9	23
624	Measurement of prompt hadron production ratios in pp collisions at $\sqrt{s} = 0.9$ and $7$ TeV. <i>European Physical Journal C</i> , <b>2012</b> , 72, 1	4.2	23
623	Determination of $f(s)/f(d)$ for 7 TeV pp collisions and measurement of the $B^0 \rightarrow D-K^+$ branching fraction. <i>Physical Review Letters</i> , <b>2011</b> , 107, 211801	7.4	23
622	Improved measurement of CP-violating parameters in $B \rightarrow \pi\pi$ decays. <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	23
621	A search for the rare leptonic decays $B^+ \rightarrow \pi^+ \ell^+ \ell^-$ and $B^+ \rightarrow e^+ \mu^- \mu^+$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2007</b> , 647, 67-73	4.2	23
620	Measurement of $ V_{cb} $ using the semileptonic decay $\overline{B^0} \rightarrow D^{*+} \ell^+ \ell^-$ . <i>European Physical Journal C</i> , <b>2004</b> , 33, 213-232	4.2	23
619	Measurement of the $(\mathcal{B}^0_{\text{S}})$ lifetime and study of $(\mathcal{B}^0_{\text{S}}) - (\overline{\mathcal{B}^0_{\text{S}}})$ oscillations using $(D_{\text{S}} \ell)$ events. <i>European Physical Journal C</i> , <b>2000</b> , 16, 555-578	4.2	23
618	Measurement of the CKM angle $\Gamma$ from a combination of LHCb results. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	23
617	Search for the lepton flavour violating decay $\mu \rightarrow \tau \nu \nu$ . <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5.4	22
616	Search for Violations of Lorentz Invariance and CPT Symmetry in $B_{\text{S}}^0$ Mixing. <i>Physical Review Letters</i> , <b>2016</b> , 116, 241601	7.4	22
615	Observation of New Resonances in the $B^0 \rightarrow \pi^+ \pi^-$ System. <i>Physical Review Letters</i> , <b>2019</b> , 123, 152001	7.4	22
614	Measurements of the $B^+$ , $B^0$ , $B_{\text{S}}^0$ meson and $\Lambda_{\text{b}}^0$ baryon lifetimes. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014,	5.4	22
613	First observation of the decay $B^0 \rightarrow \pi^+ \pi^- \pi^0$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2012</b> , 709, 50-58	4.2	22
612	Measurement of the $B^0 \rightarrow K^* e^+ e^-$ branching fraction at low dilepton mass. <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5.4	22
611	Observation of the Decays $B^0 \rightarrow \pi^+ \rho^-$ and $B^0 \rightarrow \pi^+ \rho^0$ . <i>Physical Review Letters</i> , <b>2017</b> , 119, 062001	7.4	22
610	Measurement of CP Violation in $B^0 \rightarrow J/\psi K^0$ Decays. <i>Physical Review Letters</i> , <b>2015</b> , 115, 031601	7.4	22

609	Measurement of the forward-backward asymmetry in $Z/\bar{\nu} \rightarrow \bar{\nu} \nu$ decays and determination of the effective weak mixing angle. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5.4	22
608	Measurement of the $B^0\bar{B}^0$ and $B_s^0\bar{B}_s^0$ production asymmetries in pp collisions at $\sqrt{s}=7\text{TeV}$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2014</b> , 739, 218-228	4.2	22
607	Measurement of mixing and CP violation parameters in two-body charm decays. <i>Journal of High Energy Physics</i> , <b>2012</b> , 2012, 1	5.4	22
606	Observation of $B^0 \rightarrow D^0 K^+ K^-$ and evidence for $B(s)^0 \rightarrow D^0 K^+ K^-$ . <i>Physical Review Letters</i> , <b>2012</b> , 109, 131801	7.4	22
605	Observation of $B^0 \rightarrow \rho^+ K^0$ with a large $K^0$ polarization. <i>Physical Review Letters</i> , <b>2008</b> , 100, 251801	7.4	22
604	Study of $B^+ \rightarrow \rho^+ \rho^0$ and $B^0 \rightarrow \rho^0 \rho^0$ . <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	22
603	A study of $\bar{B} \rightarrow K^0 \bar{K}^0$ production at energies from 2.4 to 4.0 GeV at Belle. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2007</b> , 651, 15-21	4.2	22
602	Search for the $\chi_{c0}$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2006</b> , 632, 173-180	4.2	22
601	Determination of heavy quark non-perturbative parameters from spectral moments in semileptonic B decays. <i>European Physical Journal C</i> , <b>2006</b> , 45, 35-59	4.2	22
600	Search for supersymmetric particles assuming R-parity non-conservation in $e^+ e^-$ collisions at $(\sqrt{s} = 192)$ to 208 GeV. <i>European Physical Journal C</i> , <b>2004</b> , 36, 1-23	4.2	22
599	The measurement of $(\alpha_s)$ from event shapes with the DELPHI detector at the highest LEP energies. <i>European Physical Journal C</i> , <b>2004</b> , 37, 1-23	4.2	22
598	Search for supersymmetric particles in light gravitino scenarios and sleptons NLSP. <i>European Physical Journal C</i> , <b>2003</b> , 27, 153-172	4.2	22
597	Search for lepton flavor violating decays $\bar{B} \rightarrow \bar{D} \ell \ell$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2005</b> , 622, 218-228	4.2	22
596	Observation of $B^0 \rightarrow D^* \rho^+ K^-$ decay. <i>Physical Review Letters</i> , <b>2005</b> , 94, 061802	7.4	22
595	Publisher's Note: Improved measurement of CP-violation parameters $\sin 2\beta_1$ and $ q/p $ B meson lifetimes, and $B^0\bar{B}^0$ mixing parameter $\chi_{d1}$ [Phys. Rev. D 71, 072003 (2005)]. <i>Physical Review D</i> , <b>2005</b> , 71,	4.9	22
594	Study of rare b decays with the DELPHI detector at LEP. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1996</b> , 72, 207-220		22
593	Measurement of Antiproton Production in p-He Collisions at $\sqrt{s_{NN}}=110$ GeV. <i>Physical Review Letters</i> , <b>2018</b> , 121, 222001	7.4	22
592	Forward production of $\Lambda$ mesons in pp collisions at $(\sqrt{s}=7)$ and 8 TeV. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5.4	21

591	Study of Beauty Hadron Decays into Pairs of Charm Hadrons. <i>Physical Review Letters</i> , <b>2014</b> , 112,	7.4	21
590	Measurement of the CP asymmetry in $B(0) \rightarrow K^{*0}(\pi^+\pi^-)$ decays. <i>Physical Review Letters</i> , <b>2013</b> , 110, 031801	7.4	21
589	Measurement of the multiplicity of gluons splitting to bottom quark pairs in hadronic $Z^0$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1997</b> , 405, 202-214	4.2	21
588	Measurement of $ V_{cs} $ using $W$ decays at LEP2. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1998</b> , 439, 209-224	4.2	21
587	Measurements of time-dependent CP violation in $B^0 \rightarrow \bar{K}S^0$ , $f_0(980)KS^0$ , $KS^0$ and $K+K\bar{K}S^0$ decays. <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	21
586	Study of triple-gauge-boson couplings $ZZZ$ , $ZZ\gamma$ and $Z\gamma\gamma$ at LEP. <i>European Physical Journal C</i> , <b>2007</b> , 51, 525-542	4.2	21
585	Observation of $B \rightarrow J/\psi$ and searches for $B \rightarrow J/\psi p$ and $B^0 \rightarrow J/\psi p$ decays. <i>Physical Review D</i> , <b>2005</b> , 72,	4.9	21
584	Observation of $B^+ \rightarrow \text{plambdagamma}$ . <i>Physical Review Letters</i> , <b>2005</b> , 95, 061802	7.4	21
583	Improved evidence for direct CP violation in $B^0 \rightarrow \pi^+\pi^-$ decays and model-independent constraints on $\text{phi}_2$ . <i>Physical Review Letters</i> , <b>2005</b> , 95, 101801	7.4	21
582	Study of $B^0 \rightarrow \rho^+/\pi^+ \pi^-/\pi^+$ time-dependent CP violation at Belle. <i>Physical Review Letters</i> , <b>2005</b> , 94, 121801	7.4	21
581	Search for heavy stable and long-lived particles in $e^+e^-$ collisions at GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2000</b> , 478, 65-72	4.2	21
580	Measurement of inclusive $D$ , $f_0(980)$ , $f_2(1270)$ , $K$ and $f_2(1525)$ production in $Z^0$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1999</b> , 449, 364-382	4.2	21
579	Measurement of the quark and gluon fragmentation functions in $Z^{(0)}$ hadronic decays <b>1999</b> , 6, 19		21
578	Search for beautiful tetraquarks in the $\psi(1S)$ invariant-mass spectrum. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	21
577	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> , <b>2014</b> , 74, 2888	4.2	20
576	Observation of the decay $(B_c^+) \rightarrow J/\psi + K^+$ . <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5.4	20
575	Study of $J/\psi$ Production in Jets. <i>Physical Review Letters</i> , <b>2017</b> , 118, 192001	7.4	20
574	Angular analysis of the $B^0 \rightarrow K^0 e^+e^-$ decay in the low- $q^2$ region. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5.4	20

573	Study of forward Z + jet production in pp collisions at $(\sqrt{s}) = 7$ TeV. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	20
572	A model-independent Dalitz plot analysis of $B \rightarrow \pi \pi$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2012</b> , 718, 43-55	4.2	20
571	Measurements of the branching fractions for $B(s) \rightarrow D(s) \pi$ and $B_0 \rightarrow \pi^+ \pi^-$ . <i>Physical Review D</i> , <b>2011</b> , 84,	4.9	20
570	Prompt $B \rightarrow \pi \pi$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2010</b> , 693, 69-80.	4.2	20
569	B meson spectroscopy. <i>Physical Review D</i> , <b>2008</b> , 77,	4.9	20
568	Observation of $Ds_1(2536)^+ \rightarrow D^+ \pi^+$ and angular decomposition of $Ds_1(2536)^+ \rightarrow D^{*+} K S_0$ . <i>Physical Review D</i> , <b>2008</b> , 77,	4.9	20
567	Search for $B_0 \rightarrow \rho \pi$ and $B^+ \rightarrow \rho \pi$ at Belle. <i>Physical Review D</i> , <b>2007</b> , 75,	4.9	20
566	Search for $D^0 \bar{D}^0$ mixing using semileptonic decays at Belle. <i>Physical Review D</i> , <b>2005</b> , 72,	4.9	20
565	Search for fermiophobic Higgs bosons in final states with photons at LEP 2. <i>European Physical Journal C</i> , <b>2004</b> , 35, 313-324	4.2	20
564	ZZ production in $e^+ e^-$ interactions at $(\sqrt{s}) = 183$ -209 GeV. <i>European Physical Journal C</i> , <b>2003</b> , 30, 447-466	4.2	20
563	Observation of the $D_1(2420)^- \rightarrow D \pi^-$ decays. <i>Physical Review Letters</i> , <b>2005</b> , 94, 221805	7.4	20
562	Determination of $(P(c \rightarrow D^{*+}))$ and $(BR(c \rightarrow \ell^+))$ at LEP 1. <i>European Physical Journal C</i> , <b>2000</b> , 12, 209-224	4.2	20
561	Measurements of the trilinear gauge boson couplings $WWV$ ( $V = \gamma, Z$ ) in $e^+ e^-$ collisions at 183 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1999</b> , 459, 382-396	4.2	20
560	Kaon interference in the hadronic decays of the $Z^0$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1996</b> , 379, 330-340	4.2	20
559	Study of prompt photon production in hadronic $Z^0$ decays. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1995</b> , 69, 1-13		20
558	Amplitude analysis of the $B^+ \rightarrow \pi^+ \pi^0$ decay. <i>Physical Review D</i> , <b>2020</b> , 101,	4.9	19
557	Model-independent search for CP violation in $B \rightarrow \pi \pi$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2013</b> , 726, 623-633	4.2	19
556	Measurement of the CKM angle $\alpha$ using $B \rightarrow DK$ with $D \rightarrow K^0 S^{\pm} \rightarrow K^0 S^{\pm} K^{\pm} K^{\mp}$ decays. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	19

555	Measurement of the $B_{\Xi}$ production cross-section in pp collisions at $(\sqrt{s}) = 7$ TeV. <i>Journal of High Energy Physics</i> , <b>2012</b> , 2012, 1	5.4	19
554	Measurements of the branching fractions and CP asymmetries of $B_{\Xi} \rightarrow J/\psi$ and $B_{\Xi} \rightarrow (\psi S)_{\Xi}$ decays. <i>Physical Review D</i> , <b>2012</b> , 85,	4.9	19
553	Search for stable heavy charged particles in $e+e^{-}$ collisions at , 161 and 172 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1997</b> , 396, 315-326	4.2	19
552	Evidence for $B \rightarrow \eta' \pi$ and improved measurements for $B \rightarrow \eta' K$ . <i>Physical Review Letters</i> , <b>2006</b> , 97, 061802	7.4	19
551	Evidence for CP violation in $B^0 \rightarrow D^+ D^-$ decays. <i>Physical Review Letters</i> , <b>2007</b> , 98, 221802	7.4	19
550	Determination of $\Gamma_S$ for b quarks at the Z0 resonance. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1993</b> , 307, 221-236	4.2	19
549	Observation of the Annihilation Decay Mode $B^{\{0\}} \rightarrow K^{\{+\}} K^{\{-\}}$ . <i>Physical Review Letters</i> , <b>2017</b> , 118, 081801	7.4	18
548	Observation of an Excited $B_{\{c\}}^{\{+\}}$ State. <i>Physical Review Letters</i> , <b>2019</b> , 122, 232001	7.4	18
547	First Observation of Excited $\chi_{\{b\}}^{\{-\}}$ States. <i>Physical Review Letters</i> , <b>2020</b> , 124, 082002	7.4	18
546	Observation of Several Sources of CP Violation in $B^{\{+\}} \rightarrow \bar{\psi}^{\{+\}} \psi^{\{-\}}$ Decays. <i>Physical Review Letters</i> , <b>2020</b> , 124, 031801	7.4	18
545	Measurement of the CP Asymmetry in $B_{\{s\}}^{\{0\}} - B[\overline{\psi}_{\{s\}}^{\{0\}}]$ Mixing. <i>Physical Review Letters</i> , <b>2016</b> , 117, 061803	7.4	18
544	Searches for $(\Lambda_{b^0})$ and $(\Xi_{b^0})$ decays to $(K_{\{\mathrm{S}\}}^{\{0\}} p^{\{\pi^{\{-\}}\}})$ and $(K_{\{\mathrm{S}\}}^{\{0\}} p^{\{K^{\{-\}}\}})$ final states with first observation of the $(\Lambda_{b^0} \rightarrow K_{\{\mathrm{S}\}}^{\{0\}} p^{\{\pi^{\{-\}}\}})$ decay. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	18
543	Angular analysis of charged and neutral $B \rightarrow K \bar{\psi} \psi$ decays. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	18
542	Measurements of indirect CP asymmetries in $D^0 \rightarrow K^- K^+$ and $D^0 \rightarrow \bar{\psi} \psi$ decays. <i>Physical Review Letters</i> , <b>2014</b> , 112, 041801	7.4	18
541	Measurement of relative branching fractions of decays to $(2)$ and $1$ mesons. <i>European Physical Journal C</i> , <b>2012</b> , 72, 2118	4.2	18
540	Measurement of the inclusive $\sigma$ cross-section in pp collisions at . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2011</b> , 703, 267-273	4.2	18
539	Measurements of CP-conserving trilinear gauge boson couplings $WWV$ ( $V=\gamma, Z$ ) in $e+e^{-}$ collisions at LEP2. <i>European Physical Journal C</i> , <b>2010</b> , 66, 35-56	4.2	18
538	Improved search for $D^0 - D^0$ mixing using semileptonic decays at Belle. <i>Physical Review D</i> , <b>2008</b> , 77,	4.9	18

537	Measurement of CP asymmetries and branching fractions in a time-dependent Dalitz analysis of $B^0 \rightarrow \pi^0 \pi^0$ and a constraint on the quark mixing angle $\theta_2$ . <i>Physical Review D</i> , <b>2008</b> , 77,	4.9	18
536	Study of charmonia in four-meson final states produced in two-photon collisions. <i>European Physical Journal C</i> , <b>2008</b> , 53, 1-14	4.2	18
535	Measurement of the branching fraction and CP asymmetry in $B^+ \rightarrow \rho^+ \pi^0$ . <i>Physical Review Letters</i> , <b>2005</b> , 94, 031801	7.4	18
534	W pair production cross-section and W branching fractions in $e^+e^-$ interactions at 189 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2000</b> , 479, 89-100	4.2	18
533	Measurement of the rate of events in hadronic Z decays and the extraction of the gluon splitting into. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1999</b> , 462, 425-439	4.2	18
532	Measurement of inclusive $K^*(892)$ , $\rho(1020)$ and $K_2^{*0}(1430)$ production in hadronic Z decays DELPHI Collaboration. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1996</b> , 73, 61-72		18
531	Measurement of inclusive $\pi^0$ production in hadronic Z decays. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1996</b> , 69, 561-573		18
530	Search for anomalous production of single photons at and 136 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1996</b> , 380, 471-479	4.2	18
529	Observation of the decay $B_s^0 \rightarrow \pi^0 \pi^0$ and evidence for $B^0 \rightarrow \pi^0 \pi^0$ . <i>Physical Review D</i> , <b>2017</b> , 95,	4.9	17
528	First Measurement of Charm Production in its Fixed-Target Configuration at the LHC. <i>Physical Review Letters</i> , <b>2019</b> , 122, 132002	7.4	17
527	Study of W boson production in association with beauty and charm. <i>Physical Review D</i> , <b>2015</b> , 92,	4.9	17
526	Measurement of forward Z $\rightarrow e^+e^-$ production at ( $\sqrt{s}=8$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5.4	17
525	Measurement of the CP-violating phase $\theta_s$ in $B_s(0) \rightarrow D_s(+)\pi^- D_s(-)\pi^+$ decays. <i>Physical Review Letters</i> , <b>2014</b> , 113, 211801	7.4	17
524	Observation of $B(s)(0) \rightarrow J/\psi(1285)$ decays and measurement of the $f_1(1285)$ mixing angle. <i>Physical Review Letters</i> , <b>2014</b> , 112, 091802	7.4	17
523	Measurement of the $\Upsilon(3P)$ mass and of the relative rate of $\Upsilon(1P)$ and $\Upsilon(2P)$ production. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	17
522	Measurement of the fraction of $\Upsilon(1S)$ originating from $\Upsilon(1P)$ decays in pp collisions at ( $\sqrt{s}=7, \text{TeV}$ ). <i>Journal of High Energy Physics</i> , <b>2012</b> , 2012, 1	5.4	17
521	Search for CP violation in $D^+ \rightarrow K^+ \pi^0$ decays. <i>Physical Review D</i> , <b>2011</b> , 84,	4.9	17
520	Measurement of the $B_s^0 \rightarrow J/\psi \pi^0$ branching fraction and angular amplitudes. <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	17



519	A search for $\chi_c$ production in photon-photon fusion at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1998</b> , 441, 479-490	4.2	17
518	Measurement of CP violation in $B^0 \rightarrow D^{*\mp}$ and $B^0 \rightarrow D^{\mp}$ decays. <i>Physical Review D</i> , <b>2006</b> , 73,	4.9	17
517	Evidence for an excess of soft photons in hadronic decays of $Z^0$ . <i>European Physical Journal C</i> , <b>2006</b> , 47, 273-294	4.2	17
516	Search for $(B^0_{s-\text{overline{B}}^0_s})$ oscillations and a measurement of $(B^0_{d-\text{overline{B}}^0_d})$ oscillations using events with an inclusively reconstructed vertex. <i>European Physical Journal C</i> , <b>2003</b> , 28, 155-173	4.2	17
515	Observation of $\chi_c$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2005</b> , 610, 23-30	4.2	17
514	Branching fraction, polarization and CP-violating asymmetries in $B^0 \rightarrow D^{*\mp}$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2005</b> , 618, 34-42	4.2	17
513	Measurement of time-dependent CP-violating asymmetries in $B^0 \rightarrow K^0 K^0 K^0$ decay. <i>Physical Review Letters</i> , <b>2005</b> , 95, 061801	7.4	17
512	Search for SUSY with R-parity violating couplings at GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2000</b> , 487, 36-52	4.2	17
511	Study of radiative leptonic events with hard photons and search for excited charged leptons at GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1996</b> , 380, 480-490	4.2	17
510	Observations of $B^0 \rightarrow K^+ K^-$ and $B^0 \rightarrow K^+ K^- K^0$ decays and searches for other $B^0$ and $B^0$ decays to $B + h^0$ final states. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	17
509	Study of $B_c^+$ decays to the $K^+ K^0$ final state and evidence for the decay $B_c^+ \rightarrow D^0 K^+$ . <i>Physical Review D</i> , <b>2016</b> , 94,	4.9	17
508	Angular moments of the decay $B^0 \rightarrow K^+ K^-$ at low hadronic recoil. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	17
507	First Experimental Study of Photon Polarization in Radiative $B_{s^0}^0$ Decays. <i>Physical Review Letters</i> , <b>2017</b> , 118, 021801	7.4	16
506	Search for CP violation in $D^0 \rightarrow \pi^0 \pi^0$ decays with the energy test. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2015</b> , 740, 158-167	4.2	16
505	First Observation of $D^0$ - $\overline{D}^0$ Oscillations in $D^0 \rightarrow K^+ \pi^- \pi^0$ Decays and Measurement of the Associated Coherence Parameters. <i>Physical Review Letters</i> , <b>2016</b> , 116, 241801	7.4	16
504	Near-threshold ( $\text{D}\overline{\text{D}}$ ) spectroscopy and observation of a new charmonium state. <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1	5.4	16
503	Evidence for the decay $(\text{B}_{\text{c}}^+ \rightarrow \{\{\text{J}} \text{ left/} \{\{\text{uppsi}; 3\text{uppi}^+\} 2\text{uppi}^-\}\} \text{ right.})$ . <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	16
502	Measurement of the effective $B_{s^0} \rightarrow K^+ K^0$ lifetime. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2012</b> , 707, 349-356	4.2	16



501	Observation of $\bar{B}(2S) \rightarrow pp\bar{p}$ and search for $X(3872) \rightarrow pp\bar{p}$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2017</b> , 769, 305-313	4.2	16
500	Measurements of prompt charm production cross-sections in pp collisions at $s = 5 \sqrt{s} = 5 \text{ TeV}$ . <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017,	5.4	16
499	First observation of top quark production in the forward region. <i>Physical Review Letters</i> , <b>2015</b> , 115, 112004	4.1	16
498	Amplitude analysis of $B_0 \rightarrow D^0 K^+ \pi^-$ decays. <i>Physical Review D</i> , <b>2015</b> , 92,	4.9	16
497	Search for CP violation using T-odd correlations in $D^0 \rightarrow K^+ K^- \pi^0$ decays. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	16
496	Measurement of the branching fractions of the decays $B_s^0 \rightarrow D^0 K^0$ and $B_0 \rightarrow D^0 K^+ \pi^-$ . <i>Physical Review D</i> , <b>2013</b> , 87,	4.9	16
495	Measurement of $\gamma_{CP}$ in $D^0$ meson decays to the $K_S^0 K^+ K^-$ final state. <i>Physical Review D</i> , <b>2009</b> , 80,	4.9	16
494	Observation of $B(s)(0) \rightarrow J/\psi(2)'(1525)$ in $J/\psi + K^-$ final states. <i>Physical Review Letters</i> , <b>2012</b> , 108, 151801	7.4	16
493	A precise measurement of the $B^0_d$ meson lifetime using a new technique. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1997</b> , 74, 19-32		16
492	Measurement of $B^0_d$ - oscillations. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1997</b> , 76, 579-598		16
491	A measurement of $\beta_s$ from the scaling violation in $e^+e^-$ annihilation. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1997</b> , 398, 194-206	4.2	16
490	Measurement of the moments of the photon energy spectrum in $B \rightarrow X_s \gamma$ decays and determination of $ V_{cb} $ and $m_b$ at Belle. <i>Physical Review D</i> , <b>2008</b> , 78,	4.9	16
489	Measurement of branching fraction and time-dependent CP asymmetry parameters in $B^0 \rightarrow D^{*+} D^{*0} K_S^0$ decays. <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	16
488	Search for the $h_c$ meson in $B^0 \rightarrow h_c K^0$ . <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	16
487	Observation of B decays to two kaons. <i>Physical Review Letters</i> , <b>2007</b> , 98, 181804	7.4	16
486	Measurements of branching fractions and CP asymmetries in $B \rightarrow \bar{B}$ decays. <i>Physical Review D</i> , <b>2005</b> , 71,	4.9	16
485	Search for neutrinoless decays $\bar{B} \rightarrow \bar{B} h$ and $\bar{B} \rightarrow \bar{B} 0$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2006</b> , 640, 138-144	4.2	16
484	First observation of the decay $\bar{B} \rightarrow \bar{B} K^0$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2006</b> , 643, 5-10	4.2	16

483	Evidence for $B \rightarrow \omega + \nu$ . <i>Physical Review Letters</i> , <b>2004</b> , 93, 131803	7.4	16
482	A study of the Lorentz structure in tau decays. <i>European Physical Journal C</i> , <b>2000</b> , 16, 229-252	4.2	16
481	Measurement of the mass of the W boson using direct reconstruction at $\sqrt{s} = 183$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1999</b> , 462, 410-424	4.2	16
480	A precise measurement of the tau lepton lifetime. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1996</b> , 365, 448-460	4.2	16
479	A measurement of the tau lifetime. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1993</b> , 302, 356-368	4.2	16
478	Search for Higgs-like bosons decaying into long-lived exotic particles. <i>European Physical Journal C</i> , <b>2016</b> , 76, 664	4.2	16
477	Measurement of CP observables in $B \rightarrow DK$ and $B \rightarrow DK$ with two- and four-body D decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2016</b> , 760, 117-131	4.2	16
476	Search for the lepton-flavour violating decays $B \rightarrow e\mu$ . <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	15
475	Observation of Z production in proton-lead collisions at LHCb. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	15
474	Search for CP violation in the decay $B \rightarrow D^* K$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2014</b> , 728, 585-595	4.2	15
473	Measurement of the $B \rightarrow D^* K$ oscillation frequency $\Delta m_D$ with the decays $B \rightarrow D^* K$ and $B \rightarrow D^* K^*$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2013</b> , 719, 318-325	4.2	15
472	Observation of the $B \rightarrow D^* K$ decay. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2017</b> , 772, 265-273	4.2	15
471	Bflavour tagging using charm decays at the LHCb experiment. <i>Journal of Instrumentation</i> , <b>2015</b> , 10, P10005-P10005	4.9	15
470	Measurement of CP asymmetries in the decays $B \rightarrow K^* K$ and $B \rightarrow K^* K^*$ . <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014,	5.4	15
469	First measurement of the charge asymmetry in beauty-quark pair production. <i>Physical Review Letters</i> , <b>2014</b> , 113, 082003	7.4	15
468	Measurements of the branching fractions of the decays $B \rightarrow D^* K$ and $B \rightarrow D^* K^*$ . <i>Journal of High Energy Physics</i> , <b>2012</b> , 2012,	5.4	15
467	Measurement of the polarization amplitudes in $B \rightarrow D^* K$ decays. <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	15
466	Study of b-quark mass effects in multijet topologies with the DELPHI detector at LEP. <i>European Physical Journal C</i> , <b>2008</b> , 55, 525-538	4.2	15

465	Observation of $B^+ \rightarrow \Lambda_c^+ \Lambda_c^- K^+$ and $B^0 \rightarrow \Lambda_c^+ \Lambda_c^- K^0$ decays. <i>Physical Review Letters</i> , <b>2006</b> , 97, 202003	7.4	15
464	Improved measurements of the partial rate asymmetry in $B \rightarrow hh$ decays. <i>Physical Review D</i> , <b>2005</b> , 71,	4.9	15
463	Hadronization properties of b quarks compared to light quarks in from 183 to 200 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2000</b> , 479, 118-128	4.2	15
462	Search for the Higgs boson in events with isolated photons at LEP 2. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1999</b> , 458, 431-446	4.2	15
461	A measurement of the mean lifetimes of charged and neutral B-hadrons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1993</b> , 312, 253-266	4.2	15
460	A study of $B^0\bar{B}^0$ mixing using semileptonic decays of B hadrons produced from $Z^0$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1993</b> , 301, 145-154	4.2	15
459	Search for charginos nearly mass-degenerate with the lightest neutralino <b>1999</b> , 11, 1		15
458	Observation of $\Lambda_b^- \rightarrow (\bar{D}S) p K^-$ and $\Lambda_b^- \rightarrow J/\psi \bar{D} K^-$ decays and a measurement of the $\Lambda_b$ baryon mass. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	15
457	Measurement of the properties of the $\Lambda_b^0$ baryon. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016,	5.4	15
456	Evidence for the decay $(B^0_S \rightarrow \bar{K}^0 \mu^+ \mu^-)$ . <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	15
455	Precise measurements of the properties of the $B_1(5721)^{0,+}$ and $B^*(5747)^{0,+}$ states and observation of $B^+, \bar{B}^0$ mass structures. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5.4	14
454	Measurement of indirect CP asymmetries in $D^0 \rightarrow K^+ K^-$ and $D^0 \rightarrow \pi^+ \pi^-$ decays using semileptonic B decays. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015,	5.4	14
453	Precision measurement of the $\bar{\Lambda}_b^+$ , $\Lambda_b^+$ , and $\bar{B}_0$ baryon lifetimes. <i>Physical Review D</i> , <b>2019</b> , 100,	4.9	14
452	Study of $B_{(s)}^0 \rightarrow K_{\text{charm}}^0 \{h^+ h^{\prime-}\}$ decays with first observation of $B_{(s)}^0 \rightarrow K_{\text{charm}}^0 \{K^{\pm} \pi^{\mp}\}$ and $B_{(s)}^0 \rightarrow K_{\text{charm}}^0 \{\pi^+ \pi^-\}$ . <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013,	5.4	14
451	Observation of $B^0_{(s)} \rightarrow \bar{B}^0_{(s)}$ mixing and measurement of mixing frequencies using semileptonic B decays. <i>European Physical Journal C</i> , <b>2013</b> , 73,	4.2	14
450	Observation of $D^0$ Meson Decays to $\bar{D}^+ \bar{D}^0$ and $K^+ K^0$ Final States. <i>Physical Review Letters</i> , <b>2017</b> , 119, 181805	7.4	14
449	Evidence for the Strangeness-Changing Weak Decay $\bar{D}^0 \rightarrow \bar{D}^0 \pi^0$ . <i>Physical Review Letters</i> , <b>2015</b> , 115, 241801	7.4	14
448	Evidence for CP violation in $B^+ \rightarrow ppK^+$ decays. <i>Physical Review Letters</i> , <b>2014</b> , 113, 141801	7.4	14

447	Measurement of the forward W boson cross-section in pp collisions at ( $\sqrt{s}=7$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	14
446	First observation of $B^0 \rightarrow J/\psi + K^0$ and search for $B^0 \rightarrow J/\psi$ decays. <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	14
445	First observation of the decay . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2011</b> , 706, 32-39	4.2	14
444	Measurement of the $B^0(s)$ effective lifetime in the $J/\psi(980)$ final state. <i>Physical Review Letters</i> , <b>2012</b> , 109, 152002	7.4	14
443	Improved measurement of time-dependent CP violation in $B^0 \rightarrow J/\psi$ decays. <i>Physical Review D</i> , <b>2008</b> , 77,	4.9	14
442	Search for lepton-flavor-violating . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2008</b> , 664, 35-40	4.2	14
441	Measurements of branching fractions for $B \rightarrow K \pi$ and $B \rightarrow \pi \pi$ decays. <i>Physical Review Letters</i> , <b>2007</b> , 99, 121601	7.4	14
440	Observation of $B^+ \rightarrow \tau^+ \nu_\tau$ and evidence for $B^0 \rightarrow \tau^+ \nu_\tau$ . <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	14
439	Evidence for $B \rightarrow \phi \pi \pi K$ . <i>Physical Review Letters</i> , <b>2003</b> , 91, 241802	7.4	14
438	Measurement of the mass and width of the W boson in $e^+e^-$ collisions at $\sqrt{s} = 160$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2001</b> , 511, 159-177	4.2	14
437	Search for supersymmetric partners of top and bottom quarks at $\sqrt{s} = 160$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2000</b> , 496, 59-75	4.2	14
436	Search for charginos, neutralinos and gravitinos in $e^+e^-$ interactions at GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1999</b> , 446, 75-91	4.2	14
435	Search for the lightest chargino at GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1996</b> , 382, 323-336	4.2	14
434	Charged kaon production in tau decays at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1994</b> , 334, 435-449	4.2	14
433	Angular Analysis of the $B^+ \rightarrow K^{*+} \pi^+ \pi^-$ Decay. <i>Physical Review Letters</i> , <b>2021</b> , 126, 161802	7.4	14
432	Search for the lepton-flavour violating decay $D^0 \rightarrow e \mu \mu$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2016</b> , 754, 167-175	4.2	14
431	Amplitude Analysis of $B^0 \rightarrow \pi^0 K^+ K^-$ Decays. <i>Physical Review Letters</i> , <b>2019</b> , 123, 231802	7.4	14
430	Model-Independent Observation of Exotic Contributions to $B^0 \rightarrow J/\psi K^+ K^-$ Decays. <i>Physical Review Letters</i> , <b>2019</b> , 122, 152002	7.4	13

429	Study of the rare $B_s^0$ and $B^0$ decays into the $\mu\mu$ final state. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2015</b> , 743, 46-55	4.2	13
428	Search for excited $B + c$ states. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	13
427	Studies of the resonance structure in $D^0 \rightarrow K_S^0 K^0$ decays. <i>Physical Review D</i> , <b>2016</b> , 93,	4.9	13
426	First evidence for the annihilation decay mode $B^+ \rightarrow D_s^+ \phi$ . <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013,	5.4	13
425	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> , <b>2013</b> , 2013, 1	5.4	13
424	Observation of the decay $B_s^0 \rightarrow D^0 \pi^0$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2013</b> , 727, 403-411	4.2	13
423	Observation of $B_{c^+} \rightarrow D^0 K^+$ Decays. <i>Physical Review Letters</i> , <b>2017</b> , 118, 111803	7.4	13
422	Resonances and CP violation in $B^0$ and $(\overline{B})^0 \rightarrow J/\psi \{K^+ K^-\}$ decays in the mass region above the $\psi(1020)$ . <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	13
421	Study of CP violation in $B^0 \rightarrow D h^0$ ( $h=K, \pi$ ) with the modes $D \rightarrow K^0 \pi^0$ , $D \rightarrow \pi^0 \pi^0$ and $D \rightarrow K^+ K^-$ . <i>Physical Review D</i> , <b>2015</b> , 91,	4.9	13
420	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> , <b>2015</b> , 2015, 1	5.4	13
419	Measurement of CP violation and constraints on the CKM angle $\sin^2 2\beta$ with $D \rightarrow K_S^0 \pi^0$ decays. <i>Nuclear Physics B</i> , <b>2014</b> , 888, 169-193	2.8	13
418	Measurement of CP violation in $B_s^0 \rightarrow \pi^0 \pi^0$ decays. <i>Physical Review D</i> , <b>2014</b> , 90,	4.9	13
417	Measurement of the polarization amplitudes and triple product asymmetries in the $B^0 \rightarrow \pi^0 \pi^0$ decay. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2012</b> , 713, 369-377	4.2	13
416	Observation of $B^0 \rightarrow \pi^0 K^0$ and $B^0 \rightarrow \pi^+ K^-$ at Belle. <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	13
415	Search for lepton flavor and lepton number violating $B$ decays into a lepton and two charged mesons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2010</b> , 682, 355-362	4.2	13
414	Observation of charge-ordering in particle production in hadronic $Z^0$ decay. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1997</b> , 407, 174-184	4.2	13
413	Search for $B \rightarrow \mu\mu$ decays at Belle. <i>Physical Review D</i> , <b>2008</b> , 78,	4.9	13
412	Improved measurement of $B^0 \rightarrow D_s D^+$ and search for $B^0 \rightarrow D_s D^+ \pi^0$ at Belle. <i>Physical Review D</i> , <b>2007</b> , 75,	4.9	13

411	Search for lepton and baryon number violating $\Lambda$ decays into $\Lambda$ and $\Sigma$ <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2006</b> , 632, 51-57	4.2	13
410	Search for CP violation in the decay $B^0 \rightarrow D^{*+} / -D^- / +$ . <i>Physical Review Letters</i> , <b>2004</b> , 93, 201802	7.4	13
409	Search for $D^0$ - $\bar{D}^0$ mixing in $D^0 \rightarrow K^+ \pi^-$ decays and measurement of the doubly-Cabibbo-suppressed decay rate. <i>Physical Review Letters</i> , <b>2005</b> , 94, 071801	7.4	13
408	Measurement of the semileptonic b branching fractions and average b mixing parameter in Z decays. <i>European Physical Journal C</i> , <b>2001</b> , 20, 455-478	4.2	13
407	Measurement of the branching fraction. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2000</b> , 475, 407-428	4.2	13
406	Upper limit for the decay $B \rightarrow \Lambda$ and measurement of the $b \rightarrow \Lambda$ branching ratio. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2000</b> , 496, 43-58	4.2	13
405	Measurement of $\Xi^+(1232)$ production in hadronic Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1995</b> , 361, 207-220	4.2	13
404	Measurement of the partial decay width $\Gamma_{R_{b^0} = \Gamma_{\mu\mu^-} / \Gamma_{had}}$ of the Z with the DELPHI detector at LEP. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1996</b> , 70, 531-547		13
403	Measurement of the lifetime of b-baryons <b>1999</b> , 10, 185		13
402	Search for the doubly charmed baryon ( $\Xi_{cc}^{++}$ ). <i>Science China: Physics, Mechanics and Astronomy</i> , <b>2020</b> , 63, 1	3.6	13
401	Measurement of the forward Z boson production cross-section in pp collisions at ( $\sqrt{s}=13$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	13
400	First study of the CP-violating phase and decay-width difference in $B_s^0 \rightarrow (\rho S)^?$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2016</b> , 762, 253-262	4.2	13
399	Search for the Lepton-Flavor-Violating Decays $B_{s^0} \rightarrow \mu \mu^?$ and $B^0 \rightarrow \mu \mu^?$ . <i>Physical Review Letters</i> , <b>2019</b> , 123, 211801	7.4	13
398	Central exclusive production of $J/\psi$ and $(\rho S)$ mesons in pp collisions at $s = 13$ TeV. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018,	5.4	13
397	Measurement of CP asymmetries in two-body $B(s)0$ -meson decays to charged pions and kaons. <i>Physical Review D</i> , <b>2018</b> , 98,	4.9	13
396	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> , <b>2019</b> , 99,	4.9	12
395	Test of lepton universality with ( $\Lambda_{b^0} \rightarrow p K^{\pm} \ell^{\pm} \ell^{\mp}$ ) decays. <i>Journal of High Energy Physics</i> , <b>2020</b> , 2020, 1	5.4	12
394	Measurement of CP violation parameters and polarisation fractions in ( $B_{s^0} \rightarrow J/\psi \overline{K}^0$ ) decays. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5.4	12



- 393 Observation of the decay  $B^0 \rightarrow (2S)K^+ \pi^-$ . *Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics*, **2015**, 747, 484-494 4.2 12
- 392 Measurement of the  $B_s(0) \rightarrow D_s D_s^+$  and  $B_s(0) \rightarrow D D_s^+$  effective lifetimes. *Physical Review Letters*, **2014**, 112, 111802 7.4 12
- 391 A study of CP violation in  $B_{\text{H}} \rightarrow DK_{\text{H}}$  and  $B_{\text{H}} \rightarrow D_{\text{H}}$  decays with  $D \rightarrow KS^0 K_{\text{H}}$  final states. *Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics*, **2014**, 733, 36-45 4.2 12
- 390 Measurement of the ratio of branching fractions  $B(B^0 \rightarrow K^* 0) / B(B_s^0 \rightarrow ?)$ . *Physical Review D*, **2012**, 85, 4.9 12
- 389 Measurement of the  $\dots$ . *Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics*, **2012**, 713, 172-179 4.2 12
- 388 Measurement of  $V_0$  production ratios in pp collisions at  $(\sqrt{s} = 0.9)$  and 7 TeV. *Journal of High Energy Physics*, **2011**, 2011, 1 5.4 12
- 387 Measurement of branching fractions, isospin, and CP-violating asymmetries for exclusive  $b \rightarrow d$  gamma modes. *Physical Review Letters*, **2008**, 101, 111801 7.4 12
- 386 Study of the charmed baryonic decays  $B_{\text{H}}^0 \rightarrow \bar{c}^+ p \pi^+$  and  $B_{\text{H}}^0 \rightarrow \bar{c}^0 p \pi^+$ . *Physical Review D*, **2007**, 75, 4.9 12
- 385 Investigation of Colour Reconnection in WW events with the DELPHI detector at LEP-2. *European Physical Journal C*, **2007**, 51, 249 4.2 12
- 384 Search for B decays into  $\bar{c} p$ ,  $\bar{c} K^*$ ,  $\bar{c} \pi$ ,  $\bar{c} \pi^+$  and  $\bar{c} \pi^0$ . *Physical Review D*, **2007**, 75, 4.9 12
- 383 Search for  $B^0 \rightarrow pp \pi^+$ ,  $B^0 \rightarrow \pi^+$ , and  $B^{+-} \rightarrow p \pi^+$  at Belle. *Physical Review D*, **2005**, 71, 4.9 12
- 382 Measurement of branching fractions for  $\dots$ . *Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics*, **2006**, 634, 155-164 4.2 12
- 381 Search for the lepton-flavor-violating decay  $\tau \rightarrow \mu e \gamma$  at Belle. *Physical Review Letters*, **2004**, 93, 081803 7.4 12
- 380 Search for SUSY in the AMSB scenario with the DELPHI detector. *European Physical Journal C*, **2004**, 34, 145-156 4.2 12
- 379 Search for charged Higgs bosons in  $e^+e^-$  collisions at  $s=189$  GeV. *Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics*, **2002**, 525, 17-28 4.2 12
- 378 Search for an LSP gluino at LEP with the DELPHI detector. *European Physical Journal C*, **2003**, 26, 505-525 4.2 12
- 377 Limits on the masses of supersymmetric particles at  $s=189$  GeV. *Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics*, **2000**, 489, 38-54 4.2 12
- 376 First evidence of hard scattering processes in single tagged  $\pi^0$  collisions. *Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics*, **1995**, 342, 402-416 4.2 12

375	Production of $D$ and $D_n$ Z decays. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1996</b> , 70, 371-381		12
374	Search for neutralinos, scalar leptons and scalar quarks in $e^+e^-$ interactions at. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1996</b> , 387, 651-666	4.2	12
373	Measurement of time dependent $B_d^0$ - $B_d^0$ mixing. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1994</b> , 338, 409-420	4.2	12
372	Search for neutral Higgs bosons in $e^+e^-$ collisions at $(\sqrt{s}=183)$ GeV <b>1999</b> , 10, 563		12
371	Search for supersymmetry with R-parity violating $(LL \bar{E})$ couplings at $(\sqrt{s} = 183)$ GeV <b>2000</b> , 13, 591		12
370	Observation of the $B^0 \rightarrow \pi$ decay. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2016</b> , 759, 282-292	4.2	12
369	Measurement of the inelastic pp cross-section at a centre-of-mass energy of 13 TeV. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	12
368	Measurement of the $\Lambda_c^+$ Baryon Lifetime. <i>Physical Review Letters</i> , <b>2018</b> , 121, 092003	7.4	12
367	Measurement of CP asymmetry in $D^0 \rightarrow K^+K^-$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2017</b> , 767, 177-187	4.2	11
366	Study of coherent $J/\psi$ production in lead-lead collisions at $\sqrt{s_{NN}}=5$ TeV with the LHCb experiment. <i>Nuclear Physics A</i> , <b>2019</b> , 982, 247-250	1.3	11
365	Precision measurement of the $(\chi_{cc}^{++})$ mass. <i>Journal of High Energy Physics</i> , <b>2020</b> , 2020, 1	5.4	11
364	Differential branching fraction and angular moments analysis of the decay $B^0 \rightarrow K^+K^- \pi^0$ in the $K^*_{0,2}(1430)^0$ region. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	11
363	Model-independent measurement of mixing parameters in $D^0 \rightarrow K^+K^- S^0$ decays. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016,	5.4	11
362	Measurement of the time-dependent CP asymmetry in $B^0 \rightarrow J/\psi K^0$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2013</b> , 721, 24-31	4.2	11
361	Measurement of the CP Violation Parameter $A_{CP}$ in $D^0 \rightarrow K^+K^-$ and $D^0 \rightarrow \pi^+\pi^-$ Decays. <i>Physical Review Letters</i> , <b>2017</b> , 118, 261803	7.4	11
360	Measurement of the branching fraction ratio $B(B_c^+ \rightarrow \psi S^0)/B(B_c^+ \rightarrow J/\psi)$ . <i>Physical Review D</i> , <b>2015</b> , 92,	4.9	11
359	Measurement of the time-integrated CP asymmetry in $D^0 \rightarrow K^+K^-$ decays. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5.4	11
358	Measurement of CP violation parameters in $B^0 \rightarrow DK^0$ decays. <i>Physical Review D</i> , <b>2014</b> , 90,	4.9	11

- 357 Measurement of the CP asymmetry in  $B(+)\rightarrow K(+)(+)(+)$  decays. *Physical Review Letters*, **2013**, 111, 151801 7.4 11
- 356 Studies of the decays  $B+\rightarrow pp\bar{h}+$  and observation of  $B+\rightarrow \bar{\Lambda}(1520)p$ . *Physical Review D*, **2013**, 88, 4.9 11
- 355 Measurement of the triple gluon vertex from double quark tagged 4-jet events. *Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics*, **1997**, 414, 401-418 4.2 11
- 354 Charged particle multiplicity in  $e+e\rightarrow qq$  events at 161 and 172 GeV and from the decay of the W boson. *Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics*, **1998**, 416, 233-246 4.2 11
- 353 Improved measurements of branching fractions and CP asymmetries in  $B\rightarrow\bar{B}$  decays. *Physical Review D*, **2007**, 75, 4.9 11
- 352 Determination of the b quark mass at the MZ scale with the DELPHI detector at LEP. *European Physical Journal C*, **2006**, 46, 569-583 4.2 11
- 351 Study of time-dependent CP violation in  $B0\rightarrow J/\psi\pi0$  decays. *Physical Review Letters*, **2004**, 93, 261801 7.4 11
- 350 The silicon vertex detector for the super B factory. *Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment*, **2005**, 541, 421-426 1.2 11
- 349 Measurement of the time-dependent CP-violating asymmetry in  $B(0)\rightarrow K(0)(S)\pi(0)\gamma$  decays. *Physical Review Letters*, **2005**, 94, 231601 7.4 11
- 348 Search for R-parity violation with a  $U D D$  coupling at  $s=189$  GeV. *Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics*, **2001**, 500, 22-36 4.2 11
- 347  $\bar{B}$  polarization in  $Z0$  decays at LEP. *Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics*, **2000**, 474, 205-222 4.2 11
- 346 A precise measurement of the (tau) polarisation at LEP-1. *European Physical Journal C*, **2000**, 14, 585-611 4.2 11
- 345 Searches for neutral Higgs bosons in  $(\mathit{e}^+\mathit{e}^-)$  collisions around  $(\sqrt{s}) = 189$  GeV. *European Physical Journal C*, **2000**, 17, 187-205 4.2 11
- 344 Studies of the resonance structure in decays. *European Physical Journal C*, **2018**, 78, 443 4.2 11
- 343 Updated determination of  $D0\bar{D}0$  mixing and CP violation parameters with  $D0\rightarrow K+\bar{h}$  decays. *Physical Review D*, **2018**, 97, 4.9 11
- 342 Study of charmonium production in  $\bar{h}$ -hadron decays and first evidence for the decay. *European Physical Journal C*, **2017**, 77, 609 4.2 10
- 341 Measurement of CP observables in  $B\bar{h}\rightarrow D(?)K\bar{h}$  and  $B\bar{h}\rightarrow D(?)\bar{h}$  decays. *Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics*, **2018**, 777, 16-30 4.2 10
- 340 Study of  $(\bar{2}S)$  production and cold nuclear matter effects in pPb collisions at  $(\sqrt{s_{NN}}=5)$  TeV. *Journal of High Energy Physics*, **2016**, 2016, 1 5.4 10

339	First observation of the decay $D^0 \rightarrow K^+ K^- \pi^0$ in the $D^0$ region of the dimuon mass spectrum. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2016</b> , 757, 558-567	4.2	10
338	Measurement of the $B^0$ and $B^+$ baryon lifetimes. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2014</b> , 736, 154-162	4.2	10
337	Measurement of the charge asymmetry in $B^0$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2014</b> , 728, 85-94	4.2	10
336	Search for the rare decay ( $K_{\text{S}}^0 \rightarrow \mu^+ \mu^-$ ). <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5.4	10
335	Measurement of the effective $\beta$ . <i>Nuclear Physics B</i> , <b>2013</b> , 873, 275-292	2.8	10
334	Measurement of $B_{\text{s}}^0$ and $D_{\text{s}}^+$ Meson Lifetimes. <i>Physical Review Letters</i> , <b>2017</b> , 119, 101801	7.4	10
333	Observation of the suppressed decay $D^0 \rightarrow \rho^+ \pi^-$ . <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	10
332	Measurement of $B^0$ , $B_{\text{s}}^0$ , $B^+$ 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> , <b>2017</b> , 774, 139-158	4.2	10
331	First Observation of a Baryonic $B_{\text{s}}^0$ Decay. <i>Physical Review Letters</i> , <b>2017</b> , 119, 041802	7.4	10
330	Search for the decay ( $B_{\text{s}}^0 \rightarrow \overline{D}^0 f_0(980)$ ). <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5.4	10
329	Measurement of the $B_{\text{s}}^0$ meson lifetime in $D_{\text{s}}^+$ decays. <i>Physical Review Letters</i> , <b>2014</b> , 113, 172001	7.4	10
328	Observation of charmonium pairs produced exclusively in $pp$ collisions. <i>Journal of Physics G: Nuclear and Particle Physics</i> , <b>2014</b> , 41, 115002	2.9	10
327	Measurement of CP asymmetry in $B^0 \rightarrow D^+ K^-$ decays. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	10
326	Measurement of the effective $\beta$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2012</b> , 716, 393-400	4.2	10
325	A study of $(\bar{b}b)$ production in $e^+e^-$ collisions at $(\sqrt{s}=130) \pm 0.7$ GeV. <i>European Physical Journal C</i> , <b>2009</b> , 60, 1-15	4.2	10
324	Study of the dependence of direct soft photon production on the jet characteristics in hadronic $Z^0$ decays. <i>European Physical Journal C</i> , <b>2010</b> , 67, 343-366	4.2	10
323	Search for excited leptons in $e^+e^-$ collisions at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1997</b> , 393, 245-260	4.2	10
322	Search for charginos, neutralinos and gravitinos at LEP. <i>European Physical Journal C</i> , <b>1998</b> , 1, 1	4.2	10

321	Rapidity correlations in $\Lambda$ baryon and proton production in hadronic $Z^0$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1998</b> , 416, 247-256	4.2	10
320	Measurement of the $e^+e^- \rightarrow \mu\mu$ cross section at the LEP energies. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1998</b> , 433, 429-440	4.2	10
319	Observation of the decay $B(0) \rightarrow J/\psi \eta$ . <i>Physical Review Letters</i> , <b>2007</b> , 98, 131803	7.4	10
318	Search for $\tilde{B}$ in two-photon collisions at LEP II with the DELPHI detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2006</b> , 634, 340-346	4.2	10
317	Search for lepton flavor violating $\tilde{\mu}$ decays with a $K_S^0$ meson. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2006</b> , 639, 159-164	4.2	10
316	Search for excited leptons in $e^+e^-$ collisions at $(\sqrt{s})=189 \pm 09$ GeV. <i>European Physical Journal C</i> , <b>2006</b> , 46, 277	4.2	10
315	Observation of radiative $B \rightarrow \phi K \gamma$ decays. <i>Physical Review Letters</i> , <b>2004</b> , 92, 051801	7.4	10
314	A precise measurement of the tau lifetime. <i>European Physical Journal C</i> , <b>2004</b> , 36, 283-296	4.2	10
313	Determination of the $(e^+ + e^- \rightarrow \gamma \gamma (\gamma))$ cross-section at LEP 2. <i>European Physical Journal C</i> , <b>2004</b> , 37, 405-419	4.2	10
312	Measurement of the energy dependence of hadronic jet rates and the strong coupling ( $\alpha_s$ ) from the four-jet rate with the DELPHI detector at LEP. <i>European Physical Journal C</i> , <b>2005</b> , 38, 413-426	4.2	10
311	Measurement of the branching fractions for $B \rightarrow D^{(*)} + \pi$ and $B \rightarrow D^{(*)} + \eta$ . <i>Physical Review D</i> , <b>2005</b> , 72,	4.9	10
310	Study of the suppressed decays $B^- \rightarrow [K^+ \pi^-] (D) K^-$ and $B^- \rightarrow [K^+ \pi^-] D \pi^-$ . <i>Physical Review Letters</i> , <b>2005</b> , 94, 091601	7.4	10
309	Evidence for $B^0 \rightarrow D^+ D^-$ and observation of $B^- \rightarrow D^0 D^-$ and $B^- \rightarrow D^0 D^{*-}$ decays. <i>Physical Review Letters</i> , <b>2005</b> , 95, 041803	7.4	10
308	Search for spontaneous R-parity violation at $\sqrt{s} = 189 \pm 09$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2001</b> , 502, 24-36	4.2	10
307	Update of the search for charginos nearly mass-degenerate with the lightest neutralino. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2000</b> , 485, 95-106	4.2	10
306	Multiplicity fluctuations in one- and two-dimensional angular intervals compared with analytic QCD calculations. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1999</b> , 457, 368-382	4.2	10
305	Measurements of the leptonic branching fractions of the tau <b>1999</b> , 10, 201		10
304	Measurement of the forward backward asymmetry of c and b quarks at the Z pole using reconstructed D mesons <b>1999</b> , 10, 219		10

303	A new algorithm for identifying the flavour of $B_0$ mesons at LHCb. <i>Journal of Instrumentation</i> , <b>2016</b> , 11, P05010-P05010	1	10
302	Search for $B_c^+$ decays to the $pp\pi^0$ final state. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2016</b> , 759, 313-321	4.2	10
301	Prompt $\bar{D}^0$ production in pPb collisions at $(\sqrt{s_{\text{NN}}}=5.02)$ TeV. <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1	5.4	10
300	Measurement of the mass and production rate of $B_c^+$ baryons. <i>Physical Review D</i> , <b>2019</b> , 99,	4.9	9
299	Determination of $\Gamma$ and $\Delta\Gamma$ from charmless two-body decays of beauty mesons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2015</b> , 741, 1-11	4.2	9
298	A measurement of the CP asymmetry difference between $\bar{D}^0 \rightarrow p\bar{K}^0$ and $D^0$ decays. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018,	5.4	9
297	Effective lifetime measurements in the $B_s^0 \rightarrow K^+K^-$ and $B_s^0 \rightarrow \pi^+K^-$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2014</b> , 736, 446-454	4.2	9
296	Branching fraction and CP asymmetry of the decays $B^+ \rightarrow K_S^0\pi^+$ and $B^+ \rightarrow K_S^0K^+$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2013</b> , 726, 646-655	4.2	9
295	Measurement of the time-dependent CP asymmetries in $B_s^0 \rightarrow J/\psi K_S^0$ . <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015,	5.4	9
294	Observation of the $B^0 \rightarrow \pi^0\pi^0$ decay from an amplitude analysis of $B^0 \rightarrow (\pi^+\pi^-)$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2015</b> , 747, 468-478	4.2	9
293	Measurement of the branching fraction for the decay $\bar{B}_s^0 \rightarrow \bar{D}^0\pi^0$ . <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	9
292	First observation of the decays $B_c^+(s) \rightarrow D_s + K^0$ and $B_c^0 \rightarrow D_s(2536) + \pi^0$ . <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	9
291	Search for charged Higgs bosons in $e^+e^-$ collisions at $\sqrt{s}=172$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1998</b> , 420, 140-156	4.2	9
290	Measurements of time-dependent CP violation in $B^0 \rightarrow \pi^0 K_S^0$ decays. <i>Physical Review D</i> , <b>2008</b> , 77,	4.9	9
289	Measurement of time-dependent CP-violating parameters in $B^0 \rightarrow K_S^0 K_S^0$ decays. <i>Physical Review Letters</i> , <b>2008</b> , 100, 121601	7.4	9
288	Measurement of charmless B decays to $K^*$ and $\pi$ . <i>Physical Review D</i> , <b>2007</b> , 75,	4.9	9
287	Improved measurements of branching fractions and CP partial rate asymmetries for $B \rightarrow K$ and $B \rightarrow \pi$ . <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	9
286	Evidence for $B^0 \rightarrow \rho^0 \pi^0$ . <i>Physical Review Letters</i> , <b>2004</b> , 93, 131802	7.4	9



285	Bose-Einstein Correlations in $W^+ W^-$ Events at LEP2. <i>European Physical Journal C</i> , <b>2005</b> , 44, 161-174	4.2	9
284	Inclusive $\bar{c}$ and $(1520)$ production in hadronic Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2000</b> , 475, 429-447	4.2	9
283	Search for charged Higgs bosons at LEP 2. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1999</b> , 460, 484-497	4.2	9
282	A measurement of the leptonic branching fractions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1995</b> , 357, 715-724	4.2	9
281	Measurement of the mixing parameter in DELPHI. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1994</b> , 332, 488-500	4.2	9
280	Measurement of the $(\eta_c(1S))$ production cross-section in $(p)(p)$ collisions at $(\sqrt{s} = 13)$ ( $\text{TeV}$ ). <i>European Physical Journal C</i> , <b>2020</b> , 80, 1	4.2	9
279	Investigation of the splitting of quark and gluon jets <b>1998</b> , 4, 1		9
278	Search for CP violation in $B^0 \rightarrow pK^0$ and $B^0 \rightarrow p\bar{K}^0$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2018</b> , 787, 124-133	4.2	9
277	Measurement of the CKM angle $\beta$ using $B^0 \rightarrow DK^0$ with $D \rightarrow K^0 S^0$ and $K^0 S^0$ decays. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	9
276	Search for the rare decay $B^+ \rightarrow p\pi^0$ <i>Physical Review D</i> , <b>2018</b> , 97,	4.9	9
275	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> , <b>2017</b> , 765, 307-316	4.2	8
274	Observation of $B_c^{+-} \rightarrow J/\psi K^{(*)}$ decays. <i>Physical Review D</i> , <b>2017</b> , 95,	4.9	8
273	Measurements of charm mixing and CP violation using $D^0 \rightarrow K\pi$ decays. <i>Physical Review D</i> , <b>2017</b> , 95,	4.9	8
272	Search for the rare decay $(\{B^+\}) \rightarrow \{\mu^+\} \{\mu^+\} \{\mu^+\} \{\nu_\mu\}$ . <i>European Physical Journal C</i> , <b>2019</b> , 79, 1	4.2	8
271	Measurement of the Charm-Mixing Parameter $y_{CP}$ . <i>Physical Review Letters</i> , <b>2019</b> , 122, 011802	7.4	8
270	Study of $B$ mixing from measurement of $B(s) \rightarrow J/\psi$ decay rates. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015,	5.4	8
269	Determination of quantum numbers for several excited charmed mesons observed in $B \rightarrow D^* + \pi$ decays. <i>Physical Review D</i> , <b>2020</b> , 101,	4.9	8
268	Measurement of branching fractions of charmless four-body $\bar{D}^0 b$ and $D^0 b$ decays. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	8

267	Evidence for the Rare Decay $B^+ \rightarrow p\bar{0}\{-\}$ . <i>Physical Review Letters</i> , <b>2018</b> , 120, 221803	7.4	8
266	Measurement of polarization amplitudes and CP asymmetries in $B^0 \rightarrow K^*(892)0$ . <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	8
265	Search for the decay $B^0 \rightarrow K^*0\pi^0$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2014</b> , 728, 234-243	4.2	8
264	Observation of $B^0 \rightarrow K^*0\pi^0$ . <i>Nuclear Physics B</i> , <b>2013</b> , 874, 663-678	2.8	8
263	$B^0$ and $B^+$ Resonance Parameters with the Decays $B^0, B^+ \rightarrow J/\psi K^0, K^+$ . <i>Physical Review Letters</i> , <b>2017</b> , 119, 221801	7.4	8
262	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> , <b>2017</b> , 2017,	5.4	8
261	Measurement of the $B^0 \rightarrow K^*0\pi^0$ branching fraction and search for the decay $B^0 \rightarrow K^*0\pi^0$ . <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5.4	8
260	Search for long-lived heavy charged particles using a ring imaging Cherenkov technique at LHCb. <i>European Physical Journal C</i> , <b>2015</b> , 75, 595	4.2	8
259	Search for CP violation in $D^0 \rightarrow K^0 S K^0$ and $D^0 \rightarrow K^0 S \pi^0$ decays. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	8
258	Measurement of $B \rightarrow D_s^* K^0$ branching fractions. <i>Physical Review D</i> , <b>2009</b> , 80,	4.9	8
257	First observation of the decays $B(0) \rightarrow D^+ K^- \pi^+ \pi^-$ and $B^- \rightarrow D^0 K^- \pi^+ \pi^-$ . <i>Physical Review Letters</i> , <b>2012</b> , 108, 161801	7.4	8
256	Time-dependent CP-violating asymmetry in $B^0 \rightarrow \rho^0 \gamma$ decays. <i>Physical Review Letters</i> , <b>2008</b> , 100, 021602	7.4	8
255	Observation of the decay $B^0 \rightarrow D_s^+ \pi^-$ . <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	8
254	Measurement of the ratio $B(D^0 \rightarrow \pi^0 \pi^0)/B(D^0 \rightarrow K^0 \pi^0)$ and the time-integrated CP asymmetry in $D^0 \rightarrow \pi^0 \pi^0$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2008</b> , 662, 102-110	4.2	8
253	Observation of the muon inner bremsstrahlung at LEP1. <i>European Physical Journal C</i> , <b>2008</b> , 57, 499-514	4.2	8
252	Study of $J/\psi \rightarrow p\bar{p}, \Lambda\bar{\Lambda}$ and observation of $\eta(c) \rightarrow \Lambda\bar{\Lambda}$ at Belle. <i>Physical Review Letters</i> , <b>2006</b> , 97, 162003	7.4	8
251	Study of CP violating effects in time dependent $B^0(B^0) \rightarrow D^*(*)/\pi^{\pm}$ decays. <i>Physical Review Letters</i> , <b>2004</b> , 93, 031802	7.4	8
250	Observation of the radiative decay $D^0 \rightarrow \pi^0 \gamma$ . <i>Physical Review Letters</i> , <b>2004</b> , 92, 101803	7.4	8

249	Searches for neutral Higgs bosons in $(\mathit{e}^+\mathit{e}^-)$ collisions from $(\sqrt{s} = 191.6)$ to $201.7$ GeV. <i>European Physical Journal C</i> , <b>2002</b> , 23, 409-435	4.2	8
248	Production of $(\Xi_{c^0})$ and $(\Xi_b)$ in Z decays and lifetime measurement of $(\Xi_b)$ . <i>European Physical Journal C</i> , <b>2005</b> , 44, 299-309	4.2	8
247	Search for technicolor with DELPHI. <i>European Physical Journal C</i> , <b>2001</b> , 22, 17-29	4.2	8
246	Single intermediate vector boson production in $e+e$ collisions at $s=183$ and $189$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2001</b> , 515, 238-254	4.2	8
245	Search for charginos in $e+e$ interactions at $s=189$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2000</b> , 479, 129-143	4.2	8
244	Measurement of the strange quark forward-backward asymmetry around the $Z^{(0)}$ peak. <i>European Physical Journal C</i> , <b>2000</b> , 14, 613-631	4.2	8
243	W pair production cross-section and W branching fractions in $e+e$ interactions at 183 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1999</b> , 456, 310-321	4.2	8
242	Search for promptly produced heavy quarkonium states in hadronic Z decays. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1996</b> , 69, 575-583		8
241	Updated precision measurement of the average lifetime of B hadrons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1996</b> , 377, 195-204	4.2	8
240	A search for lepton flavour violation in $Z^0$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1993</b> , 298, 247-256	4.2	8
239	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> , <b>2016</b> , 2016, 1	5.4	8
238	Measurement of forward $W \rightarrow e\bar{\nu}$ production in pp collisions at $(\sqrt{s}=8)$ TeV. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	8
237	Top-quark physics at the CLIC electron-positron linear collider. <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1	5.4	8
236	Search for Lepton-Flavor Violating Decays $B^{(+)} \rightarrow K^{(+)} \mu \mu e^{(?)}$ . <i>Physical Review Letters</i> , <b>2019</b> , 123, 241802		8
235	Study of $\tau$ production in pPb collisions at $(\sqrt{s_{\mathit{NN}}}=8.16)$ TeV. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	8
234	Measurement of Angular and CP Asymmetries in $D^{(0)} \rightarrow \mu^{(+)} \mu^{(-)} \mu^{(+)} \mu^{(-)}$ and $D^{(0)} \rightarrow K^{(+)} K^{(-)} \mu^{(+)} \mu^{(-)}$ Decays. <i>Physical Review Letters</i> , <b>2018</b> , 121, 091801	7.4	8
233	Measurements of the branching fractions of $\tau^+ \rightarrow p\mu$ , $\tau^+ \rightarrow pK^+$ , and $\tau^+ \rightarrow p\bar{K}^+$ . <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018,	5.4	8
232	Search for the CP-violating strong decays $B_s \rightarrow \mu\mu$ and $\bar{B}(958) \rightarrow \mu\mu$ <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2017</b> , 764, 233-240	4.2	7

231	Observation of the Decay $B^0 \rightarrow \rho^+ K^- K^0$ . <i>Physical Review Letters</i> , <b>2017</b> , 118, 071801	7.4	7
230	Improved limit on the branching fraction of the rare decay. <i>European Physical Journal C</i> , <b>2017</b> , 77, 678	4.2	7
229	Measurement of the Z+b-jet cross-section in pp collisions at $(\sqrt{s}) = 7$ TeV in the forward region. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5.4	7
228	Study of $D^{(*)} + sJ$ mesons decaying to $D^* + K^0 S$ and $D^0 K +$ final states. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	7
227	Observation of the $B^0 \rightarrow J/\psi$ decay. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	7
226	Observation of the decay $B^0 \rightarrow \bar{p} p \pi^0$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2018</b> , 784, 101-111	4.2	7
225	First Observation of the Radiative Decay $B^0 \rightarrow \gamma$ . <i>Physical Review Letters</i> , <b>2019</b> , 123, 031801	7.4	7
224	Updated measurement of time-dependent (CP)-violating observables in $(B^0 \rightarrow J/\psi K^+ K^-)$ decays. <i>European Physical Journal C</i> , <b>2019</b> , 79, 1	4.2	7
223	Observation of associated production of a Z boson with a D meson in the forward region. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014,	5.4	7
222	First evidence for the two-body charmless baryonic decay $B^0 \rightarrow \bar{p} p$ . <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013,	5.4	7
221	First observation of the decay $(B_s^0 \rightarrow \phi \bar{K}^{*0})$ . <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5.4	7
220	Search for CP violation in the phase space of $D^0 \rightarrow \pi^+ \pi^-$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2017</b> , 769, 345-356	4.2	7
219	Search for decays of neutral beauty mesons into four muons. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	7
218	Search for the rare decays $B^0 \rightarrow J/\psi \pi^0$ and $B_s^0 \rightarrow J/\psi \pi^0$ . <i>Physical Review D</i> , <b>2015</b> , 92,	4.9	7
217	Observation of the $B(s)(0) \rightarrow \mu^+ \mu^-$ Decay. <i>Physical Review Letters</i> , <b>2015</b> , 115, 051801	7.4	7
216	Performance of fully instrumented detector planes of the forward calorimeter of a Linear Collider detector. <i>Journal of Instrumentation</i> , <b>2015</b> , 10, P05009-P05009	1	7
215	First observations of the rare decays $B^+ \rightarrow K^+ \mu^+ \mu^-$ and $B^+ \rightarrow K^+ \mu^+ \mu^-$ . <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	7
214	Observation of the doubly cabibbo-suppressed decay $D_{s1}^+ \rightarrow K^+ K^+ \pi^-$ . <i>Physical Review Letters</i> , <b>2009</b> , 102, 221802	7.4	7

213	Measurements of charmless hadronic $b \rightarrow s$ penguin decays in the $B \rightarrow K^* \pi$ final state and first observation of $B^0 \rightarrow \pi^+ K^- \pi^0$ . <i>Physical Review D</i> , <b>2009</b> , 80,	4.9	7
212	Search for the $X(1812)$ in $B \rightarrow K \pi \pi$ . <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	7
211	A study of the reaction $e^+ e^- \rightarrow \mu^+ \mu^-$ ISR at LEP and search for new physics at annihilation energies near 80 GeV. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1997</b> , 75, 581-592		7
210	Measurement of the branching fraction and charge asymmetry of the decay $B^+ \rightarrow D^+ D^0 \bar{D}^0$ and search for $B^0 \rightarrow D^0 D^0 \bar{D}^0$ . <i>Physical Review D</i> , <b>2008</b> , 77,	4.9	7
209	Study of the suppressed B meson decay $B \rightarrow DK \pi \rightarrow K \pi \pi$ . <i>Physical Review D</i> , <b>2008</b> , 78,	4.9	7
208	Search for resonant $B \rightarrow K \pi h \rightarrow K \pi \pi$ decays at Belle. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2008</b> , 662, 323-329	4.2	7
207	A determination of the centre-of-mass energy at LEP2 using radiative two-fermion events. <i>European Physical Journal C</i> , <b>2006</b> , 46, 295-305	4.2	7
206	Search for resonant ( $\tilde{\nu}$ ) production at $(\sqrt{s} = )$ 183 to 208 GeV. <i>European Physical Journal C</i> , <b>2003</b> , 28, 15-26	4.2	7
205	Status of the Belle Silicon Vertex Detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2005</b> , 541, 61-66	1.2	7
204	Flavour independent searches for hadronically decaying neutral Higgs bosons. <i>European Physical Journal C</i> , <b>2005</b> , 44, 147-159	4.2	7
203	Search for the sgoldstino at from 189 to 202 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2000</b> , 494, 203-214	4.2	7
202	Study of $(\overline{B^0_s} \rightarrow B^0_s)$ oscillations and $(B^0_s)$ lifetimes using hadronic decays of $(B^0_s)$ mesons. <i>European Physical Journal C</i> , <b>2000</b> , 18, 229-252	4.2	7
201	Measurements of the Z partial decay width into $(\bar{c} c)$ and multiplicity of charm quarks per b decay. <i>European Physical Journal C</i> , <b>2000</b> , 12, 225-241	4.2	7
200	Upper limits on the branching ratios $B \rightarrow \bar{c} c$ and $B \rightarrow e^+ e^-$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1995</b> , 359, 411-421	4.2	7
199	Search for $Z^0$ decays to two leptons and a charged particle-antiparticle pair. <i>Nuclear Physics B</i> , <b>1993</b> , 403, 3-24	2.8	7
198	Measurement of $f_{\text{s}}/f_{\text{u}}$ Variation with Proton-Proton Collision Energy and B-Meson Kinematics. <i>Physical Review Letters</i> , <b>2020</b> , 124, 122002	7.4	7
197	First Observation of the Decay $B_{\text{s}}^0 \rightarrow K^+ \pi^+ \pi^-$ and a Measurement of $ V_{\text{ub}} / V_{\text{cb}} $ . <i>Physical Review Letters</i> , <b>2021</b> , 126, 081804	7.4	7
196	Search for a dimuon resonance in the $\tau$ mass region. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	7

195	Search for CP violation using triple product asymmetries in $B \rightarrow pK\pi$ and $B \rightarrow pK^*K$ decays. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	7
194	Amplitude Analysis of the Decay $B \rightarrow K^0 \pi^+ \pi^-$ and First Observation of the CP Asymmetry in $B \rightarrow K^*(892)^- \pi^+$ . <i>Physical Review Letters</i> , <b>2018</b> , 120, 261801	7.4	7
193	Measurement of the $B^0$ production asymmetry and the CP asymmetry in $B^0 \rightarrow J/\psi K^0$ decays. <i>Physical Review D</i> , <b>2017</b> , 95,	4.9	6
192	Measurement of $ V_{cb} $ with $B_s^0 \rightarrow D_s^* \pi$ decays. <i>Physical Review D</i> , <b>2020</b> , 101,	4.9	6
191	First measurement of the CP-violating phase ( $\phi_s^{\overline{d}}$ ) in $B^0 \rightarrow (K^* K)$ decays. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	6
190	Measurement of the mass and lifetime of the $B^0$ baryon. <i>Physical Review D</i> , <b>2016</b> , 93,	4.9	6
189	Constraints on the unitarity triangle angle $\Gamma$ from Dalitz plot analysis of $B^0 \rightarrow DK^* \pi$ decays. <i>Physical Review D</i> , <b>2016</b> , 93,	4.9	6
188	Measurements of CP asymmetries in charmless four-body ( $\Lambda^0_b$ ) and ( $\Xi^0_b$ ) decays. <i>European Physical Journal C</i> , <b>2019</b> , 79, 1	4.2	6
187	Searches for $(B_{(s)}^0 \rightarrow J/\psi \pi^+ \pi^-)$ and $B^+ \rightarrow J/\psi (\pi^+)$ decays. <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5.4	6
186	Measurement of CP asymmetries in $D^0 \rightarrow \pi^0$ and $D_s^0 \rightarrow \pi^0$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2017</b> , 771, 21-30	4.2	6
185	Observation of the decay $B^0 \rightarrow \tau^+ \tau^-$ and evidence for $B^0 \rightarrow \tau^+ \tau^- \pi^0$ . <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017,	5.4	6
184	Measurement of the $Y(nS)$ polarizations in pp collisions at ( $\sqrt{s}=7$ ) and 8 TeV. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	6
183	Measurement of CP asymmetries and polarisation fractions in ( $B^0 \rightarrow K^* \pi^0$ ) decays. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5.4	6
182	Search for the $B^0 \rightarrow \tau^+ \tau^-$ and $B^0 \rightarrow \tau^+ \tau^- \pi^0$ decays with the LHCb detector. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5.4	6
181	Observation of $B^0 \rightarrow K^* \pi^0$ and evidence for $B^0 \rightarrow K^* \pi^0$ decays. <i>New Journal of Physics</i> , <b>2014</b> , 16, 123001	2.9	6
180	Measurement of the inclusive charmless and double-charm B branching ratios. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1998</b> , 426, 193-206	4.2	6
179	Evidence for neutral B meson decays to $\omega K^0$ . <i>Physical Review Letters</i> , <b>2008</b> , 101, 231801	7.4	6
178	Observation of $B^0 \rightarrow D^0 \pi^0$ and $B^0 \rightarrow D^* \pi^0$ . <i>Physical Review D</i> , <b>2005</b> , 72,	4.9	6



177	Study of leading hadrons in gluon and quark fragmentation. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2006</b> , 643, 147-157	4.2	6
176	Measurement of the forward-backward asymmetries of $(e^+ + e^- \rightarrow Z \rightarrow b \bar{b})$ and $(e^+ + e^- \rightarrow Z \rightarrow c \bar{c})$ using prompt leptons. <i>European Physical Journal C</i> , <b>2004</b> , 34, 109-125	4.2	6
175	Search for $(B_s^0 - \bar{B}_s^0)$ oscillations in DELPHI using high- $p_t$ leptons. <i>European Physical Journal C</i> , <b>2004</b> , 35, 35-52	4.2	6
174	Measurements of B decays to two kaons. <i>Physical Review Letters</i> , <b>2005</b> , 95, 231802	7.4	6
173	Measurement of the ZZ cross-section in $e^+e^-$ interactions at $183 \leq \sqrt{s} \leq 189$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2001</b> , 497, 199-213	4.2	6
172	Search for supersymmetric particles in scenarios with a gravitino LSP and stau NLSP. <i>European Physical Journal C</i> , <b>2000</b> , 16, 211-228	4.2	6
171	A search for invisible Higgs bosons produced in $e^+e^-$ interactions at LEP 2 energies. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1999</b> , 459, 367-381	4.2	6
170	Search for exclusive charmless B meson decays with the DELPHI detector at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1995</b> , 357, 255-266	4.2	6
169	Determination of the average lifetime of $\Lambda_b^0$ baryons. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1996</b> , 71, 199-210		6
168	A precise measurement of the [Formula: see text] meson oscillation frequency. <i>European Physical Journal C</i> , <b>2016</b> , 76, 412	4.2	6
167	Measurement of the CKM angle $\beta$ using $B^0 \rightarrow DK^*0$ with $D \rightarrow K^0 S^0 \mp \pi^{\pm}$ decays. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016,	5.4	6
166	Measurement of CP Violation in $B^0 \rightarrow D^{*+} D^{*-}$ Decays. <i>Physical Review Letters</i> , <b>2016</b> , 117, 261801	7.4	6
165	Model-independent measurement of the CKM angle $\beta$ using $B^0 \rightarrow DK^*0$ decays with $D \rightarrow K^0 S^0 \mp \pi^{\pm}$ and $K^0 S^0 K^+ K^-$ <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	6
164	Observation of the decay $B_s^0 \rightarrow D^0 K^+ K^-$ <i>Physical Review D</i> , <b>2018</b> , 98,	4.9	6
163	Measurement of $\chi$ production in pp collisions at $(\sqrt{s}=13)$ TeV. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	6
162	First observation of $B^+ \rightarrow D^+ s^+ K^+ K^-$ decays and a search for $B^+ \rightarrow D^+ s^+ \chi$ decays. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	6
161	Observation of charmless baryonic decays $B(s)0 \rightarrow pp \pi^+ h^0$ <i>Physical Review D</i> , <b>2017</b> , 96,	4.9	5
160	Observation of the $(\Lambda_{\text{charmless}}^0 \rightarrow \chi_{\text{charmless}}^0)$ (3872) pK decay. <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1	5.4	5

159	Measurement of shower development and its Molière radius with a four-plane LumiCal test set-up. <i>European Physical Journal C</i> , <b>2018</b> , 78, 1	4.2	5
158	Observation of $B_{s^0} \rightarrow D^0 K_{S^0}$ and Evidence for $B_{s^0} \rightarrow D^0 K_{S^0}$ Decays. <i>Physical Review Letters</i> , <b>2016</b> , 116, 161802	7.4	5
157	Amplitude analysis of $B^0 \rightarrow K^0 K_S^0$ decays. <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1	5.4	5
156	Observation of the $B^0 \rightarrow J/\psi K_S^0$ decay. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	5
155	Observation of the decay $B^0 \rightarrow \rho^+ K_S^0$ and a search for CP violation. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017,	5.4	5
154	Study of $(\overline{b}b)$ correlations in high energy proton-proton collisions. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	5
153	Determination of the branching fractions of $B^0 \rightarrow D^+ K^-$ and $B^0 \rightarrow D^0 K^+$ . <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5.4	5
152	Evidence for $B \rightarrow K$ decays at Belle. <i>Physical Review D</i> , <b>2010</b> , 81,	4.9	5
151	Measurement of cross sections of exclusive $e^+e^- \rightarrow VP$ processes at $\sqrt{s}=10.58$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2009</b> , 681, 400-405	4.2	5
150	Two-particle angular correlations in $e^+e^-$ interactions compared with QCD predictions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1998</b> , 440, 203-216	4.2	5
149	Measurement of the charged particle multiplicity of weakly decaying B hadrons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1998</b> , 425, 399-412	4.2	5
148	Search for $B^0 \rightarrow \bar{d} + c$ decay at Belle. <i>Physical Review D</i> , <b>2008</b> , 77,	4.9	5
147	Search for pentaquarks in the hadronic decays of the Z boson with the DELPHI detector at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2007</b> , 653, 151-160	4.2	5
146	Belle SVD2 vertex detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2006</b> , 568, 269-273	1.2	5
145	Measurement of the $e^+e^- \rightarrow D^{(*)} + D^{(*)}$ cross sections. <i>Physical Review D</i> , <b>2004</b> , 70,	4.9	5
144	Observation of $B^0 \rightarrow D^{*+} K^-$ , $B^+ \rightarrow D^{*+} K^0$ and $B^+ \rightarrow D^{*0} K^+$ . <i>Physical Review D</i> , <b>2004</b> , 70,	4.9	5
143	A precise measurement of the $B^+$ , $B^0$ and mean b-hadron lifetime with the DELPHI detector at LEP I. <i>European Physical Journal C</i> , <b>2004</b> , 33, 307-324	4.2	5
142	Measurement of inclusive $f_1(1285)$ and $f_1(1420)$ production in Z decays with the DELPHI detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2003</b> , 569, 129-139	4.2	5

141	Measurement of masses and branching ratios of $\Lambda_b^0$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2005</b> , 605, 237-246	4.2	5
140	Search for neutralino pair production at $\sqrt{s} = 189$ GeV. <i>European Physical Journal C</i> , <b>2001</b> , 19, 201-212	4.2	5
139	Search for pair production of heavy objects in 4-jet events at $\sqrt{s}=130-136$ GeV DELPHI Collaboration. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1996</b> , 73, 1-9	4.2	5
138	First measurement of $\Lambda_b^0(1525)$ production in $Z^0$ hadronic decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1996</b> , 379, 309-318	4.2	5
137	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> , <b>2020</b> , 101,	4.9	5
136	Measurement of the ratio of branching fractions $\frac{\mathcal{B}(\Lambda_b^0 \rightarrow J/\psi K^+ K^-)}{\mathcal{B}(\Lambda_b^0 \rightarrow J/\psi p \bar{p})}$ . <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	5
135	A search for $(\Xi_{cc}^{++}) \rightarrow D^+ p K^0$ decays. <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1	5.4	5
134	Observation of $B_s^0 \rightarrow D^+ \pi^-$ and search for $B^0 \rightarrow D^+ \pi^-$ decays. <i>Physical Review D</i> , <b>2018</b> , 98,	4.9	5
133	Observation of the decay $\Lambda_b^0 \rightarrow (\psi S) p$ . <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	5
132	Search for weakly decaying b-flavored pentaquarks. <i>Physical Review D</i> , <b>2018</b> , 97,	4.9	5
131	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> , <b>2017</b> , 767, 110-120	4.2	4
130	Observation of $B_c^+$ and $B_c^0$ decays. <i>European Physical Journal C</i> , <b>2017</b> , 77, 72	4.2	4
129	Direct photon production at LHCb. <i>Nuclear Physics A</i> , <b>2019</b> , 982, 251-254	1.3	4
128	Observation of $B_{(s)}^0 \rightarrow J/\psi p$ Decays and Precision Measurements of the $B_{(s)}^0$ Masses. <i>Physical Review Letters</i> , <b>2019</b> , 122, 191804	7.4	4
127	Measurement of $\Xi_{cc}^{++}$ production in pp collisions at $\sqrt{s}=13$ TeV. <i>Chinese Physics C</i> , <b>2020</b> , 44, 022001	2.2	4
126	Measurement of $\psi(2S)$ production cross-sections in proton-proton collisions at $\sqrt{s}=7$ and $13$ TeV. <i>European Physical Journal C</i> , <b>2020</b> , 80,	4.2	4
125	Measurement of CP asymmetry in $B^0 \rightarrow D^+ K^-$ decays. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	4
124	Search for $B_c^+$ decays to two charm mesons. <i>Nuclear Physics B</i> , <b>2018</b> , 930, 563-582	2.8	4

123	Dalitz plot analysis of the $D^+ \rightarrow K\bar{K}^+K^+$ decay. <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1	5-4	4
122	Performance and Molière radius measurements using a compact prototype of LumiCal in an electron test beam. <i>European Physical Journal C</i> , <b>2019</b> , 79, 1	4-2	4
121	New algorithms for identifying the flavour of [Formula: see text] mesons using pions and protons. <i>European Physical Journal C</i> , <b>2017</b> , 77, 238	4-2	4
120	Evidence for the two-body charmless baryonic decay ( $\Lambda_b^+ \rightarrow p\bar{\Lambda}^0$ ). <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5-4	4
119	First Observation of the Rare Purely Baryonic Decay $B^0 \rightarrow p\bar{p}$ . <i>Physical Review Letters</i> , <b>2017</b> , 119, 232001	7-4	4
118	Measurement of CP observables in $B_{\mu} \rightarrow DK^*\mu$ decays using two- and four-body D final states. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5-4	4
117	Updated branching fraction measurements of $B(s) \rightarrow K S^0 h^0$ decays. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017,	5-4	4
116	Study of $B_{\mu} \rightarrow DK^*\mu$ and $B_{\mu} \rightarrow D^*\mu$ decays and determination of the CKM angle $\alpha$ . <i>Physical Review D</i> , <b>2015</b> , 92,	4-9	4
115	First observation and measurement of the branching fraction for the decay $B^0 \rightarrow D^* s^+ K^{\mu}$ . <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5-4	4
114	Measurement of the transverse spin correlation in $Z \rightarrow \mu\mu$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1997</b> , 404, 194-206	4-2	4
113	Search for $B_s^0$ oscillations. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1997</b> , 414, 382-400	4-2	4
112	Search for $B^{++} \rightarrow D^* + \pi^0$ decay. <i>Physical Review Letters</i> , <b>2008</b> , 101, 041601	7-4	4
111	Search for the decay $B^0 \rightarrow \mu\mu$ . <i>Physical Review D</i> , <b>2006</b> , 73,	4-9	4
110	Measurement of the branching fractions for $B \rightarrow K$ and $B \rightarrow \mu\mu$ . <i>Physical Review D</i> , <b>2004</b> , 70,	4-9	4
109	Search for $B_{\mu} \rightarrow J/\psi \mu$ decay. <i>Physical Review D</i> , <b>2004</b> , 69,	4-9	4
108	Coherent soft particle production in Z decays into three jets. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2005</b> , 605, 37-48	4-2	4
107	Time-dependent CP violation effects in partially reconstructed $B^0 \rightarrow D^* \mu$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2005</b> , 624, 11-21	4-2	4
106	. <i>European Physical Journal C</i> , <b>2005</b> , 44, 311-331	4-2	4

105	Search for $B^0 \rightarrow J/\psi D^0$ and $B^+ \rightarrow J/\psi D^+_{s1}$ decays. <i>Physical Review D</i> , <b>2005</b> , 71,	4.9	4
104	Search for scalar fermions and long-lived scalar leptons at centre-of-mass energies of 130 GeV to 172 GeV. <i>European Physical Journal C</i> , <b>1999</b> , 6, 385-401	4.2	4
103	Observation of Multiplicity Dependent Prompt $c(3872)$ and $\psi(2S)$ Production in pp Collisions. <i>Physical Review Letters</i> , <b>2021</b> , 126, 092001	7.4	4
102	Measurement of the $B^0_s \rightarrow J/\psi$ lifetime. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2016</b> , 762, 484-492	4.2	4
101	Measurement of the $B_c$ meson production fraction and asymmetry in 7 and 13 TeV pp collisions. <i>Physical Review D</i> , <b>2019</b> , 100,	4.9	4
100	Observation of a new $B^0$ state. <i>Physical Review D</i> , <b>2021</b> , 103,	4.9	4
99	Measurement of the time-integrated CP asymmetry in $D^0 \rightarrow K^0_S K^0_S$ decays. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	4
98	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> , <b>2018</b> , 2018, 1	5.4	4
97	Measurement of $D^0$ production asymmetry in pp collisions at ( $\sqrt{s}=7$ ) and 8 TeV. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	4
96	Future $e^+e^-$ colliders at the Energy Frontier. <i>EPJ Web of Conferences</i> , <b>2019</b> , 206, 08001	0.3	3
95	First observation of the rare $B^+ \rightarrow D^+ K^+ \eta$ decay. <i>Physical Review D</i> , <b>2016</b> , 93,	4.9	3
94	Measurement of the $B^0_s \rightarrow D^0_s + D^0_s$ branching fractions. <i>Physical Review D</i> , <b>2016</b> , 93,	4.9	3
93	First observation of the decay $B^0 \rightarrow K^0_S K^0_S$ at LHCb. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	3
92	Measurement of the branching fractions of the decays $D^+ \rightarrow K^+ K^+$ , $D^+ \rightarrow \eta K^+$ and $D^0 \rightarrow \eta K^+$ . <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019,	5.4	3
91	Amplitude analysis of the ( $B^0 \rightarrow K^0 \overline{K}^0$ ) decays and measurement of the branching fraction of the ( $B^0 \rightarrow K^0 \overline{K}^0$ ) decay. <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1	5.4	3
90	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> , <b>2017</b> , 2017, 1	5.4	3
89	Search for single top quark production via contact interactions at LEP2. <i>European Physical Journal C</i> , <b>2011</b> , 71, 1	4.2	3
88	Search for a fourth generation b quark at LEP-II at ( $\sqrt{s}=19609$ ) GeV. <i>European Physical Journal C</i> , <b>2007</b> , 50, 507-518	4.2	3

87	Measurement of branching fraction and direct CP asymmetry in $B_0 \rightarrow \pi\pi$ decays. <i>Physical Review D</i> , <b>2006</b> , 73,	4.9	3
86	The $(\eta_c(2980))$ formation in two-photon collisions at LEP energies. <i>European Physical Journal C</i> , <b>2003</b> , 31, 481-489	4.2	3
85	Inclusive $b \rightarrow c$ decays to wrong sign charmed mesons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2003</b> , 561, 26-40	4.2	3
84	Spectra of prompt electrons from decays of $B^+$ and $B_0$ mesons and ratio of inclusive semielectronic branching fractions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2005</b> , 614, 27-36	4.2	3
83	Determination of $A_{FB}^b$ at the Z pole using inclusive charge reconstruction and lifetime tagging. <i>European Physical Journal C</i> , <b>2005</b> , 40, 1-25	4.2	3
82	Study of dimuon production in photon-photon collisions and measurement of QED photon structure functions at LEP. <i>European Physical Journal C</i> , <b>2001</b> , 19, 15-28	4.2	3
81	Search for sleptons in $(e^+e^-)$ collisions at $(\sqrt{s} = 183 \text{ to } 189 \text{ GeV})$ . <i>European Physical Journal C</i> , <b>2001</b> , 19, 29-42	4.2	3
80	Update of the search for supersymmetric particles in scenarios with gravitino LSP and sleptons NLSP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2001</b> , 503, 34-48	4.2	3
79	Rapidity-rank structure of $pp$ pairs in hadronic $Z_0$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2000</b> , 490, 61-70	4.2	3
78	Search for pair-produced neutralinos in events with photons and missing energy from $e^+e^-$ collisions at $(\sqrt{s} = 130 - 183) \text{ GeV}$ . <i>European Physical Journal C</i> , <b>1999</b> , 6, 371-384	4.2	3
77	Search for high mass resonances in $(e^+e^- \rightarrow \ell^+\ell^-\gamma\gamma)$ , $(\bar{\nu}\nu\gamma\gamma)$ and $(q\bar{q}\gamma\gamma)$ at LEP I. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1996</b> , 72, 179-190		3
76	Observation of a New Excited $D_{s1}^+$ Meson in $B^0 \rightarrow D^+ D_s^- K^+ \pi^-$ Decays. <i>Physical Review Letters</i> , <b>2021</b> , 126, 122002	7.4	3
75	Search for heavy neutral leptons in $(W^+ \rightarrow \mu^+ \mu^{\text{pm}}, \text{jet})$ decays. <i>European Physical Journal C</i> , <b>2021</b> , 81, 1	4.2	3
74	Measurement of the electron reconstruction efficiency at LHCb. <i>Journal of Instrumentation</i> , <b>2019</b> , 14, P11023-P11023	1	3
73	Measurement of Charged Hadron Production in Z-Tagged Jets in Proton-Proton Collisions at $\sqrt{s}=8 \text{ TeV}$ . <i>Physical Review Letters</i> , <b>2019</b> , 123, 232001	7.4	3
72	Search for long-lived particles decaying to $(e^{\text{pm}})(\mu^{\text{mp}})(\nu)$ . <i>European Physical Journal C</i> , <b>2021</b> , 81, 1	4.2	3
71	Search for lepton-flavour-violating decays of Higgs-like bosons. <i>European Physical Journal C</i> , <b>2018</b> , 78, 1008	4.2	3
70	Measurement of the relative $B \rightarrow D^0/D^{*0} \pi$ branching fractions using $B$ mesons from $B \rightarrow 2^0$ decays. <i>Physical Review D</i> , <b>2019</b> , 99,	4.9	2



69	Measurement of the CP-violating phase $\gamma$ from $B_s^0 \rightarrow J/\psi \pi^0$ decays in 13 TeV pp collisions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2019</b> , 797, 134789	4.2	2
68	Search for CP Violation in $D_{s1}^+ \rightarrow K_{s1}^0 \pi^+$ , $D^+ \rightarrow K_{s1}^0 K^+$ , and $D^+ \rightarrow \pi^+ \pi^0$ Decays. <i>Physical Review Letters</i> , <b>2019</b> , 122, 191803	7.4	2
67	Observation of the doubly Cabibbo-suppressed decay $\Lambda_c^+ \rightarrow p \pi^0$ . <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1	5.4	2
66	Search for CP violation through an amplitude analysis of $D^0 \rightarrow K^+ K^- \pi^0$ decays. <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1	5.4	2
65	Measurement of the ratio of branching fractions and difference in CP asymmetries of the decays $B^+ \rightarrow J/\psi \pi^+$ and $B^+ \rightarrow J/\psi K^+$ . <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	2
64	Study of the $B^0 \rightarrow \psi(770) \pi^+ K^{*0}$ decay with an amplitude analysis of $B^0 \rightarrow \psi(K^+ \pi^-)$ decays. <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1	5.4	2
63	Observation of the $B^+ \rightarrow D^+ K^+ \pi^0$ decay. <i>Physical Review D</i> , <b>2017</b> , 96,	4.9	2
62	Measurement of CP violation in $B^0 \rightarrow J/\psi K_S^0$ and $B^0 \rightarrow \psi(2S) K_S^0$ decays. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017,	5.4	2
61	Publisher's Note: Evidence for CP Violation in Time-Integrated $D^0 \rightarrow h \pi^+$ decay rates [Phys. Rev. Lett. 108, 111602 (2012)]. <i>Physical Review Letters</i> , <b>2012</b> , 108,	7.4	2
60	Publisher's Note: Measurement of Branching Fractions, Isospin, and CP-Violating Asymmetries for Exclusive $b \rightarrow d$ Modes [Phys. Rev. Lett. 101, 111801 (2008)]. <i>Physical Review Letters</i> , <b>2008</b> , 101,	7.4	2
59	Search for $B^+ \rightarrow J/\psi K^+$ and $B^0 \rightarrow J/\psi K_S^0$ decays. <i>Physical Review D</i> , <b>2007</b> , 75,	4.9	2
58	$Z^0$ production in $e^+e^-$ interactions at ( $\sqrt{s} = 183\text{-}209, \text{text}\{\text{GeV}\}$ ). <i>European Physical Journal C</i> , <b>2007</b> , 51, 503-523	4.2	2
57	Search for the $b \rightarrow d$ process. <i>Physical Review D</i> , <b>2005</b> , 72,	4.9	2
56	Masses, lifetimes and production rates of $\Lambda_c^+$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2006</b> , 639, 179-191	4.2	2
55	Study of double-tagged $B$ events at LEP II. <i>European Physical Journal C</i> , <b>2006</b> , 46, 559-568	4.2	2
54	The Belle trigger system with the new silicon vertex detector SVD2. <i>IEEE Transactions on Nuclear Science</i> , <b>2004</b> , 51, 1852-1856	1.7	2
53	Rapidity-alignment and $p_T$ compensation of particle pairs in hadronic $Z^0$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2002</b> , 533, 243-252	4.2	2
52	Search for chargino pair production in scenarios with gravitino LSP and stau NLSP at GeV at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1999</b> , 466, 61-70	4.2	2

51	Measurement of $(A_{\text{FB}}^{\overline{\text{b}}})$ in hadronic Z decays using a jet charge technique <b>1999</b> , 9, 367		2
50	Search for neutral and charged Higgs bosons in $(e^+e^-)$ collisions at $(\sqrt{s}) = 161$ GeV and 172 GeV <b>1998</b> , 2, 1		2
49	Readout, first- and second-level triggers of the new Belle silicon vertex detector <b>2004</b> , 535, 491-491		2
48	Isospin Amplitudes in $B^0 \rightarrow J/\psi K^0$ and $B^0 \rightarrow J/\psi K^0$ Decays. <i>Physical Review Letters</i> , <b>2020</b> , 124, 111802	7.4	2
47	Observation of the $(B_s^0) \rightarrow D^* D^0$ decay. <i>Journal of High Energy Physics</i> , <b>2021</b> , 2021, 1	5.4	2
46	Measurement of CP observables in $B^0 \rightarrow D^{(*)} K^0$ and $B^0 \rightarrow D^{(*)} \pi^0$ decays using two-body D final states. <i>Journal of High Energy Physics</i> , <b>2021</b> , 2021, 1	5.4	2
45	Measurement of the branching fraction of the $(B^0 \rightarrow D^+_{s1} \pi^-)$ decay. <i>European Physical Journal C</i> , <b>2021</b> , 81, 1	4.2	2
44	Measurement of CP-Violating and Mixing-Induced Observables in $B_{s1}^0 \rightarrow \pi^0$ Decays. <i>Physical Review Letters</i> , <b>2019</b> , 123, 081802	7.4	2
43	Study of $(B^0_{s1} \rightarrow J/\psi K^0)$ Decays. <i>Journal of High Energy Physics</i> , <b>2021</b> , 2021, 1	5.4	2
42	Measurement of Z $\rightarrow \tau^+ \tau^-$ production in proton-proton collisions at $(\sqrt{s}=8)$ TeV. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	2
41	Measurement of CP violation in $B^0 \rightarrow D^+ \pi^-$ decays. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	2
40	Measurement of CP observables in the process $B^0 \rightarrow DK^0$ with two- and four-body D decays. <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1	5.4	1
39	Prompt $\Lambda^+$ baryons and $D^0$ meson production cross-section and nuclear modification in pPb collisions at $\sqrt{s_{NN}}=5.02$ TeV with the LHCb detector. <i>Nuclear Physics A</i> , <b>2019</b> , 982, 683-686	1.3	1
38	First observation of forward Z $\rightarrow b\bar{b}$ production in pp collisions at $\sqrt{s}=8$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2018</b> , 776, 430-439	4.2	1
37	Measurement of the ratio of branching fractions of the decays $B^0 \rightarrow \tau^+ \tau^-$ and $B^0 \rightarrow J/\psi$ <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1	5.4	1
36	Measurement of the branching fraction and (CP) asymmetry in $(B^+ \rightarrow J/\psi \rho^+)$ decays. <i>European Physical Journal C</i> , <b>2019</b> , 79, 1	4.2	1
35	Search for the $B^0_s \rightarrow \tau^+$ decay. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	1
34	Search for Baryon-Number Violating $B^0$ Oscillations. <i>Physical Review Letters</i> , <b>2017</b> , 119, 181807	7.4	1

33	Inclusive single-particle production in two-photon collisions at LEP II with the DELPHI detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2009</b> , 678, 444-449	4.2	1
32	Study of intermediate two-body decays in . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2008</b> , 669, 287-293	4.2	1
31	Di-jet production in $\gamma\gamma$ collisions at LEP2. <i>European Physical Journal C</i> , <b>2008</b> , 58, 531-541	4.2	1
30	An upper limit for $\text{Br}(Z^0 \rightarrow ggg)$ from symmetric 3-jet $Z^0$ hadronic decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1996</b> , 389, 405-415	4.2	1
29	Observation of the semileptonic decay $B^+ \rightarrow \overline{p} \mu^+ \nu_{\mu}$ . <i>Journal of High Energy Physics</i> , <b>2020</b> , 2020,	5.4	1
28	Mean lifetime of the $B^0$ meson <b>1996</b> , 71, 11		1
27	Measurement of the $B^0$ $d$ oscillation frequency using kaons, leptons and jet charge <b>1996</b> , 72, 17		1
26	Measurement of CP Violation in the Decay $B^+ \rightarrow K^+ \pi^0$ . <i>Physical Review Letters</i> , <b>2021</b> , 126, 091802	7.4	1
25	Observation of CP violation in two-body ( $B_{(s)}^0$ )-meson decays to charged pions and kaons. <i>Journal of High Energy Physics</i> , <b>2021</b> , 2021, 1	5.4	1
24	Search for the rare decay $B^0 \rightarrow J/\psi^* \pi^0$ . <i>Chinese Physics C</i> , <b>2021</b> , 45, 043001	2.2	1
23	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> , <b>2021</b> , 2021, 1	5.4	1
22	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> , <b>2021</b> , 2021, 1	5.4	1
21	Measurement of the CP asymmetry in $B^+ \rightarrow D^+ \pi^0$ and $B^+ \rightarrow D^+ \pi^0$ decays. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	1
20	Measurement of CP violation in $B^0 \rightarrow D^+ \pi^-$ decays. <i>Journal of High Energy Physics</i> , <b>2020</b> , 2020, 1	5.4	0
19	Measurement of the CKM angle $\beta_{\text{ind}}$ ( $B_{(s)}^0 \rightarrow \overline{B}_{(s)}^0$ ) mixing frequency with ( $B_{(s)}^0 \rightarrow D_{(s)}^{\pm} h^{\pm} \pi^{\pm} \pi^{\mp}$ ) decays. <i>Journal of High Energy Physics</i> , <b>2021</b> , 2021, 1	5.4	0
18	Observation of the $B^0 \rightarrow \pi^+ K^- K^0$ decay. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2021</b> , 815, 136172	4.2	0
17	Observation of the decay ( $\Lambda_{\text{b}}^0 \rightarrow \pi^+ p$ ) <i>Journal of High Energy Physics</i> , <b>2021</b> , 2021, 1	5.4	0
16	Searches for 25 rare and forbidden decays of $D^+$ and ( $D_{(s)}^+$ ) mesons. <i>Journal of High Energy Physics</i> , <b>2021</b> , 2021, 1	5.4	0

- 15 Measurement of CP violation in the ( $B_s^0 \rightarrow \phi \phi$ ) decay and search for the  $B_0 \rightarrow \phi \phi$  decay. *Journal of High Energy Physics*, **2019**, 2019, 1 5.4 ○
- 14 Measurement of the CKM angle  $\arg(V_{cb} V_{cd}^*)$  in  $B^0 \rightarrow DK^0$  and  $B^0 \rightarrow D^0 K^0$  decays with  $D \rightarrow (K^0_{\text{S}})^0 \pi^+ \pi^-$ . *Journal of High Energy Physics*, **2021**, 2021, 1 5.4 ○
- 13 Observation of the decay ( $\overline{B}_s^0 \rightarrow \chi_{c2} K^+ K^-$ ) in the  $\psi$  mass region. *Journal of High Energy Physics*, **2018**, 2018, 1 5.4 ○
- 12 Bose-Einstein correlations and  $b\bar{b}$  correlations in pp collisions with LHCb. *Nuclear Physics A*, **2019**, 982, 347-350 1.3
- 11 Highlights from the LHCb experiment. *Nuclear Physics A*, **2019**, 982, 15-21 1.3
- 10 Measurement of the electron structure function  $F_2^{\text{eep}}$  at LEP energies. *Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics*, **2014**, 737, 39-47 4.2
- 9 The SuperB Project. *Nuclear Physics, Section B, Proceedings Supplements*, **2013**, 241-242, 28-33
- 8 Correlations between polarisation states of W particles in the reaction  $e^+ e^- \rightarrow W^+ W^- + \text{hadrons}$  at LEP2 energies 189-209 GeV. *European Physical Journal C*, **2009**, 63, 611-623 4.2
- 7 Measurement of the tau lepton polarisation at LEP2. *Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics*, **2008**, 659, 65-73 4.2
- 6 Higgs boson searches in CP-conserving and CP-violating MSSM scenarios with the DELPHI detector. *European Physical Journal C*, **2008**, 54, 1 4.2
- 5 Search for the CP-violating decays  $\Upsilon(4S) \rightarrow B_0 \bar{B}_0 \rightarrow J/\psi K_S^0 + J/\psi(\eta' c) K_S^0$ . *Physical Review Letters*, **2007**, 99, 211601 7.4
- 4 The improved ladder production for the Belle silicon vertex detector (SVD2.1). *IEEE Transactions on Nuclear Science*, **2005**, 52, 1907-1911 1.7
- 3 Study of the four-jet anomaly observed at LEP centre-of-mass energies of 130 and 136 GeV. *Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics*, **1999**, 448, 311-319 4.2
- 2 Production rates and lifetimes of b-baryons. *Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment*, **1996**, 371, 208-211 1.2
- 1 Angular analysis of ( $B^0 \rightarrow D^{\text{ast} -} D_s^{\text{ast} +}$ ) with ( $D_s^{\text{ast} +} \rightarrow D_s^+ \gamma$ ) decays. *Journal of High Energy Physics*, **2021**, 2021, 1 5.4