

Claudia Patrignani

List of Publications by Citations

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1,144
papers

76,871
citations

91
h-index

251
g-index

1,174
ext. papers

86,043
ext. citations

5.6
avg. IF

8.52
L-index

#	Paper	IF	Citations
1144	Review of Particle Physics. <i>Chinese Physics C</i> , 2014 , 38, 090001	2.2	5549
1143	Review of Particle Physics*. <i>Physical Review D</i> , 2012 , 86,	4.9	4786
1142	Review of Particle Physics*. <i>Physical Review D</i> , 2018 , 98,	4.9	4401
1141	Review of Particle Physics. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2010 , 37, 075021	2.9	4379
1140	Review of Particle Physics. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2004 , 592, 1-5	4.2	3560
1139	Review of Particle Physics. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2006 , 33, 1-1232	2.9	3486
1138	Review of Particle Physics. <i>Chinese Physics C</i> , 2016 , 40, 100001	2.2	3442
1137	Review of Particle Properties. <i>Physical Review D</i> , 2002 , 66,	4.9	2767
1136	Review of Particle Physics. <i>Progress of Theoretical and Experimental Physics</i> , 2020 , 2020,	5.4	1112
1135	The BABAR detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2002 , 479, 1-116	1.2	1077
1134	Observation of J/ψ Resonances Consistent with Pentaquark States in $\Xi_b^0 \rightarrow J/\psi p$ Decays. <i>Physical Review Letters</i> , 2015 , 115, 072001	7.4	580
1133	Test of lepton universality using $b^+ \rightarrow K^+ \mu \mu$ decays. <i>Physical Review Letters</i> , 2014 , 113, 151601	7.4	542
1132	Observation of a broad structure in the $\pi^+ \pi^- J/\psi$ mass spectrum around 4.26 GeV/c ² . <i>Physical Review Letters</i> , 2005 , 95, 142001	7.4	526
1131	Observation of a narrow meson state decaying to $D^{(*)} \pi^0$ at a mass of 2.32 GeV/c ² . <i>Physical Review Letters</i> , 2003 , 90, 242001	7.4	509
1130	Evidence for an excess of $B \rightarrow D^{(*)} \mu \mu$ decays. <i>Physical Review Letters</i> , 2012 , 109, 101802	7.4	456
1129	LHCb detector performance. <i>International Journal of Modern Physics A</i> , 2015 , 30, 1530022	1.2	452
1128	Observation of CP violation in the $B(0)$ meson system. <i>Physical Review Letters</i> , 2001 , 87, 091801	7.4	373

1127	Measurement of an excess of $B \rightarrow D^{(*)} \mu \mu$ decays and implications for charged Higgs bosons. <i>Physical Review D</i> , 2013 , 88,	4.9	340
1126	Study of the $B \rightarrow J/\psi \mu \mu$ decay and measurement of the $B \rightarrow X(3872) K$ branching fraction. <i>Physical Review D</i> , 2005 , 71,	4.9	333
1125	Searches for Lepton flavor violation in the decays $\tau_{\pm} \rightarrow e_{\pm} \gamma$ and $\tau_{\pm} \rightarrow \mu_{\pm} \gamma$. <i>Physical Review Letters</i> , 2010 , 104, 021802	7.4	328
1124	Observation of the rare $B(s)(0) \rightarrow \mu^{+} \mu^{-}$ decay from the combined analysis of CMS and LHCb data. <i>Nature</i> , 2015 , 522, 68-72	50.4	326
1123	Measurement of the ratio of branching fractions $B(B \rightarrow D^{*+} \mu^{-}) / B(B \rightarrow D^{*+} e^{-})$. <i>Physical Review Letters</i> , 2015 , 115, 111803	7.4	316
1122	Measurement of form-factor-independent observables in the decay $B^0 \rightarrow K^{*0} \ell^{+} \ell^{-}$. <i>Physical Review Letters</i> , 2013 , 111, 191801	7.4	314
1121	Test of lepton universality with $B^0 \rightarrow K^{*0} \ell^{+} \ell^{-}$ decays. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	298
1120	First evidence for the decay $B(s)(0) \rightarrow \mu \mu$. <i>Physical Review Letters</i> , 2013 , 110, 021801	7.4	263
1119	Observation of the Doubly Charmed Baryon Ω_{cc}^{++} . <i>Physical Review Letters</i> , 2017 , 119, 112001	7.4	257
1118	Measurement of the $B \rightarrow D$ transition form factor. <i>Physical Review D</i> , 2009 , 80,	4.9	246
1117	Search for a dark photon in $e^{+}e^{-}$ collisions at BABAR. <i>Physical Review Letters</i> , 2014 , 113, 201801	7.4	241
1116	Observation of the resonant character of the $Z(4430)^{-}$ state. <i>Physical Review Letters</i> , 2014 , 112, 222002	7.4	234
1115	Determination of the $X(3872)$ meson quantum numbers. <i>Physical Review Letters</i> , 2013 , 110, 222001	7.4	234
1114	The Physics of the B Factories. <i>European Physical Journal C</i> , 2014 , 74, 1	4.2	233
1113	Angular analysis of the $B^0 \rightarrow K^{*0} \ell^{+} \ell^{-}$ decay using 3 fb of integrated luminosity. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	232
1112	Measurement of the CP asymmetry amplitude $\sin 2\beta$ with B^0 mesons. <i>Physical Review Letters</i> , 2002 , 89, 201802	7.4	228
1111	Measurement of the $B_s(0) \rightarrow \mu \mu$ branching fraction and search for $B(0) \rightarrow \mu \mu$ decays at the LHCb experiment. <i>Physical Review Letters</i> , 2013 , 111, 101805	7.4	221
1110	Measurement of J/ψ production in pp collisions at $(\sqrt{s}=7)$ TeV. <i>European Physical Journal C</i> , 2011 , 71, 1	4.2	216

1109	Evidence of a broad structure at an invariant mass of 4.32 GeV/c ² in the reaction e ⁺ e ⁻ → π ⁺ π ⁻ ψ(2S) measured at BABAR. <i>Physical Review Letters</i> , 2007 , 98, 212001	7.4	200
1108	Observation of a Narrow Pentaquark State, P _c (4312) ⁺ , and of the Two-Peak Structure of the P _c (4450) ⁺ . <i>Physical Review Letters</i> , 2019 , 122, 222001	7.4	199
1107	Evidence for D ₀ -D ₀ mixing. <i>Physical Review Letters</i> , 2007 , 98, 211802	7.4	186
1106	Study of e ⁺ e ⁻ → pp̄ using initial state radiation with BABAR. <i>Physical Review D</i> , 2006 , 73,	4.9	180
1105	Prompt charm production in pp collisions at . <i>Nuclear Physics B</i> , 2013 , 871, 1-20	2.8	163
1104	Precise measurement of the e ⁺ e ⁻ → π ⁺ π ⁻ (γ) cross section with the initial state radiation method at BABAR. <i>Physical Review Letters</i> , 2009 , 103, 231801	7.4	163
1103	Observation of Five New Narrow χ_{c0} States Decaying to $\chi_{c+}K^-$. <i>Physical Review Letters</i> , 2017 , 118, 182001	7.4	154
1102	Evidence for CP violation in time-integrated D ₀ → h ⁻ h ⁺ decay rates. <i>Physical Review Letters</i> , 2012 , 108, 111602	7.4	150
1101	Strong constraints on the rare decays B _s (0) → μ ⁺ μ ⁻ and B ₀ → μ ⁺ μ ⁻ <i>Physical Review Letters</i> , 2012 , 108, 231801	7.4	144
1100	Differential branching fractions and isospin asymmetries of B → K(*) μ ⁺ μ ⁻ decays. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	142
1099	Search for dimuon decays of a light scalar boson in radiative transitions Upsilon → γA ₀ . <i>Physical Review Letters</i> , 2009 , 103, 081803	7.4	139
1098	Angular analysis and differential branching fraction of the decay B _{0s} → τ ⁺ τ ⁻ <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	138
1097	Search for Lepton-Universality Violation in B ⁺ → K ⁺ μ ⁺ μ ⁻ Decays. <i>Physical Review Letters</i> , 2019 , 122, 191801	7.4	137
1096	Evidence for X(3872) → ψ(2S)γ in B ⁺ → X(3872)K ⁺ decays and a study of B → cc[over γ]K. <i>Physical Review Letters</i> , 2009 , 102, 132001	7.4	134
1095	Observation of the bottomonium ground state in the decay Upsilon(3S) → γη _c . <i>Physical Review Letters</i> , 2008 , 101, 071801	7.4	132
1094	Study of time-dependent CP-violating asymmetries and flavor oscillations in neutral B decays at the Υ(4S). <i>Physical Review D</i> , 2002 , 66,	4.9	129
1093	Observation of the 1P1 state of charmonium. <i>Physical Review Letters</i> , 1992 , 69, 2337-2340	7.4	128
1092	Measurements of e ⁺ e ⁻ → K ⁺ K ⁻ K ⁰ K ⁰ , and K _{s0} K ₀ cross sections using initial state radiation events. <i>Physical Review D</i> , 2008 , 77,	4.9	127

1091	Measurement of the Ratio of the $B^{\{0\}} \rightarrow D^{\{*- \}} \pi^{\{+ \}} \pi^{\{0 \}}$ and $B^{\{0\}} \rightarrow D^{\{*- \}} \pi^{\{+ \}} \pi^{\{0 \}}$ Branching Fractions Using Three-Prong Lepton Decays. <i>Physical Review Letters</i> , 2018 , 120, 171802	7.4	126
1090	The BaBar detector: Upgrades, operation and performance. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2013 , 729, 615-701	1.2	125
1089	Observation of X(3872) production in pp collisions at ($\sqrt{s}=7\text{mbox{\sim}TeV}$). <i>European Physical Journal C</i> , 2012 , 72, 1	4.2	121
1088	Search for lepton flavor violation in the decay $\tau_{+/-} \rightarrow \mu + \gamma$. <i>Physical Review Letters</i> , 2005 , 95, 041802	7.4	121
1087	Evidence for the decay $X(3872) \rightarrow J/\psi \pi$ <i>Physical Review D</i> , 2010 , 82,	4.9	119
1086	Measurements of branching fractions and CP-violating asymmetries in $B^0 \rightarrow \pi^+ \pi^-$, $K^+ \pi^-$, $K^+ K^-$ decays. <i>Physical Review Letters</i> , 2002 , 89, 281802	7.4	119
1085	Observation of a new Ds meson decaying to DK at a mass of 2.86 GeV/c ² . <i>Physical Review Letters</i> , 2006 , 97, 222001	7.4	117
1084	Rates, polarizations, and asymmetries in charmless vector-vector B meson decays. <i>Physical Review Letters</i> , 2003 , 91, 171802	7.4	117
1083	Implications of LHCb measurements and future prospects. <i>European Physical Journal C</i> , 2013 , 73, 1	4.2	116
1082	Search for doubly charmed baryons \bar{D}_c^+ and \bar{D}_c^{++} in BABAR. <i>Physical Review D</i> , 2006 , 74,	4.9	116
1081	Search for Invisible Decays of a Dark Photon Produced in $e^+ e^-$ Collisions at BaBar. <i>Physical Review Letters</i> , 2017 , 119, 131804	7.4	113
1080	Observation of new resonances decaying to $D^{\{0 \}}$ and D^{*0} in inclusive $e^+ e^-$ collisions near $s=10.58\text{ GeV}$. <i>Physical Review D</i> , 2010 , 82,	4.9	111
1079	Observation of $Y(3940) \rightarrow J/\psi \omega$ in $B \rightarrow J/\psi \omega K$ at BABAR. <i>Physical Review Letters</i> , 2008 , 101, 082001	7.4	111
1078	The $e^+ e^- \rightarrow 2(\pi^+ \pi^0)$, $2(\pi^+ \pi^-) K^+ K^-$ and $K^+ K^- \pi^+ \pi^-$ cross sections measured with initial-state radiation. <i>Physical Review D</i> , 2007 , 76,	4.9	111
1077	Precise measurement of the $e^+ e^- \rightarrow \pi^+ \pi^-$ cross section with the initial-state radiation method at BABAR. <i>Physical Review D</i> , 2012 , 86,	4.9	110
1076	Measurement of the Ratio of Branching Fractions $B(B_{\{c\}}^{\{+ \}} \rightarrow J/\psi \pi^+ \pi^0) / B(B_{\{c\}}^{\{+ \}} \rightarrow J/\psi \pi^+ \pi^0)$. <i>Physical Review Letters</i> , 2018 , 120, 121801	7.4	109
1075	$e^+ e^- \rightarrow \pi^+ \pi^- K^+ K^-$ and $K^+ K^- K^+ K^-$ cross sections at center-of-mass energies 0.54-5 GeV measured with initial-state radiation. <i>Physical Review D</i> , 2005 , 71,	4.9	109
1074	Search for the Z(4430) at BABAR. <i>Physical Review D</i> , 2009 , 79,	4.9	108

1073	Measurement of $\sigma_{\text{had}}^{\text{had}}$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2010 , 694, 209-216	4.2	107
1072	The $e^+e^- \rightarrow 3\pi^0$ and $K^+K^-\pi^0$ cross sections at center-of-mass energies from production threshold to 4.5 GeV measured with initial-state radiation. <i>Physical Review D</i> , 2006 , 73,	4.9	107
1071	Test of lepton flavor universality by the measurement of the $B^0 \rightarrow D^* \pi^0$ branching fraction using three-prong π^0 decays. <i>Physical Review D</i> , 2018 , 97,	4.9	106
1070	Measurement of the $B_{\text{s}}^0 \rightarrow \pi^+ \pi^-$ Branching Fraction and Effective Lifetime and Search for $B^0 \rightarrow \pi^+ \pi^-$ Decays. <i>Physical Review Letters</i> , 2017 , 118, 191801	7.4	106
1069	Differential expression of microRNAs between eutopic and ectopic endometrium in ovarian endometriosis. <i>Journal of Biomedicine and Biotechnology</i> , 2010 , 2010, 369549		106
1068	Search for $B^+ \rightarrow X(3872)K^+$, $X(3872) \rightarrow J/\psi$. <i>Physical Review D</i> , 2006 , 74,	4.9	106
1067	Proton electromagnetic form factors in the timelike region from 8.9 to 13.0 GeV ² . <i>Physical Review Letters</i> , 1993 , 70, 1212-1215	7.4	106
1066	Measurement of b hadron production fractions in 7 TeV pp collisions. <i>Physical Review D</i> , 2012 , 85,	4.9	105
1065	Observation of $\sigma_{\text{had}}^{\text{had}}$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 707, 52-59	4.2	104
1064	Study of resonances in exclusive B decays to $D^0(*)D^0(*)K$. <i>Physical Review D</i> , 2008 , 77,	4.9	100
1063	Measurement of CP-violating asymmetries in B^0 decays to CP eigenstates. <i>Physical Review Letters</i> , 2001 , 86, 2515-22	7.4	100
1062	Differential branching fraction and angular analysis of the decay $B^0 \rightarrow K^* \pi^0$. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	99
1061	Observation of J/ψ Structures Consistent with Exotic States from Amplitude Analysis of $B^+ \rightarrow J/\psi K^+$ Decays. <i>Physical Review Letters</i> , 2017 , 118, 022003	7.4	98
1060	Observation of a Charmed Baryon Decaying to $D^0 p$ at a Mass Near 2.94 GeV/c ² . <i>Physical Review Letters</i> , 2007 , 98, 012001	7.4	97
1059	Observation of time-reversal violation in the B^0 meson system. <i>Physical Review Letters</i> , 2012 , 109, 211801	7.4	96
1058	Measurement of the CP-violating phase $\arg(\lambda)$ in the decay $B^0 \rightarrow J/\psi \pi^0$. <i>Physical Review Letters</i> , 2012 , 108, 101803	7.4	95
1057	Improved measurement of CP asymmetries in $B^0 \rightarrow (cc)K(0^*)$ decays. <i>Physical Review Letters</i> , 2005 , 94, 161803	7.4	92
1056	Evidence for Exotic Hadron Contributions to $[b]^0 \rightarrow J/\psi \pi^0$ Decays. <i>Physical Review Letters</i> , 2016 , 117, 082003	7.4	91

1055	Search for lepton flavor violation in the decay $\tau \rightarrow e \gamma$. <i>Physical Review Letters</i> , 2006 , 96, 041801	7.4	91
1054	Measurement of ρ polarization in collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2013 , 73, 2631	4.2	87
1053	Measurements of the magnetic form factor of the proton in the timelike region at large momentum transfer. <i>Physical Review D</i> , 1999 , 60,	4.9	87
1052	Differential branching fraction and angular analysis of the decay $(B_s^0) \rightarrow \tau^+ \tau^-$. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	86
1051	Time-integrated luminosity recorded by the BABAR detector at the PEP-II. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2013 , 726, 203-213	1.2	86
1050	Observation of double charm production involving open charm in pp collisions at $(\sqrt{s} = 7); \text{TeV}$. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	86
1049	Measurement of the $B \rightarrow D$ and $B \rightarrow D^*$ transition form factors. <i>Physical Review D</i> , 2011 , 84,	4.9	86
1048	Study of $D_s J$ decays to $D^* K$ in inclusive $e^+ e^-$ interactions. <i>Physical Review D</i> , 2009 , 80,	4.9	86
1047	$e^+ e^- \rightarrow K^+ K^- K^0 \bar{K}^0$ and $K^+ K^0 K^- \bar{K}^0$ cross sections measured with initial-state radiation. <i>Physical Review D</i> , 2007 , 76,	4.9	86
1046	Observation of an excited charm baryon Ω_c^* decaying to $\Omega_c \gamma$. <i>Physical Review Letters</i> , 2006 , 97, 232001	7.4	86
1045	Model-Independent Evidence for J/ψ Contributions to $[b]^0 \rightarrow J/\psi K^0$ Decays. <i>Physical Review Letters</i> , 2016 , 117, 082002	7.4	85
1044	Exclusive J/ψ and (ψ) production in pp collisions at $\sqrt{s} = 7$ TeV. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2013 , 40, 045001	2.9	85
1043	Measurement of time-dependent CP asymmetry in $B^0 \rightarrow c \bar{c} K^0$ decays. <i>Physical Review D</i> , 2009 , 79,	4.9	84
1042	Measurement of production in collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2012 , 72, 2025	4.2	83
1041	Measurement of the track reconstruction efficiency at LHCb. <i>Journal of Instrumentation</i> , 2015 , 10, P02007-P02007	1.7	87
1040	Updated measurements of exclusive J/ψ and (ψ) production cross-sections in pp collisions at $\sqrt{s} = 7$ TeV. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2014 , 41, 055002	2.9	83
1039	Measurement of branching fractions and rate asymmetries in the rare decays $B \rightarrow K^* \mu \mu$. <i>Physical Review D</i> , 2012 , 86,	4.9	82
1038	Study of $e^+ e^- \rightarrow \mu^+ \mu^- \mu^+ \mu^-$ using initial state radiation with BABAR. <i>Physical Review D</i> , 2007 , 76,	4.9	81

1037	Search for $B \rightarrow K^{(*)} \square$ and invisible quarkonium decays. <i>Physical Review D</i> , 2013 , 87,	4.9	80
1036	Determination of the quark coupling strength $ V_{ub} $ using baryonic decays. <i>Nature Physics</i> , 2015 , 11, 743-747	4.9	79
1035	Evidence for the decay . <i>Nuclear Physics B</i> , 2014 , 886, 665-680	2.8	79
1034	Precision luminosity measurements at LHCb. <i>Journal of Instrumentation</i> , 2014 , 9, P12005-P12005	1	79
1033	Observation of the semileptonic decays $B \rightarrow D^* \tau \nu_{\tau}$ and evidence for $B \rightarrow D \tau \nu_{\tau}$. <i>Physical Review Letters</i> , 2008 , 100, 021801	7.4	79
1032	Measurement of the fragmentation fraction ratio f_s / f_d and its dependence on B meson kinematics. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	78
1031	First observation of CP violation in the decays of $B(s)0$ mesons. <i>Physical Review Letters</i> , 2013 , 110, 221601.4	7.4	78
1030	Study of $e^+e^- \rightarrow pp \square$ via initial-state radiation at BABAR. <i>Physical Review D</i> , 2013 , 87,	4.9	77
1029	Study of $B \rightarrow \square$ and $B \rightarrow \square$ decays and determination of $ V_{ub} $. <i>Physical Review D</i> , 2011 , 83,	4.9	76
1028	Study of the X(3872) and Y(4260) in $B0 \rightarrow J/\psi \square$ and $B \rightarrow J/\psi \square$ decays. <i>Physical Review D</i> , 2006 , 73,	4.9	76
1027	Measurements of the mass and width of the eta(c) meson and of an eta(c)(2S) candidate. <i>Physical Review Letters</i> , 2004 , 92, 142002	7.4	76
1026	Search for Dark Photons Produced in 13 TeV pp Collisions. <i>Physical Review Letters</i> , 2018 , 120, 061801	7.4	75
1025	Study of the reaction $e^+e^- \rightarrow J/\psi \square$ via initial-state radiation at BABAR. <i>Physical Review D</i> , 2012 , 86,	4.9	75
1024	Exclusive initial-state-radiation production of the $DD \square$, $D^*D \square$, and $D^*D^* \square$ systems. <i>Physical Review D</i> , 2009 , 79,	4.9	75
1023	Study of $B \rightarrow X(3872)K$, with $X(3872) \rightarrow J/\psi \square$ <i>Physical Review D</i> , 2008 , 77,	4.9	75
1022	Study of the exclusive initial-state-radiation production of the $DD \square$ system. <i>Physical Review D</i> , 2007 , 76,	4.9	73
1021	Time-integrated and time-dependent angular analyses of $B \rightarrow J/\psi \square$ A measurement of $\cos 2 \square$ with no sign ambiguity from strong phases. <i>Physical Review D</i> , 2005 , 71,	4.9	72
1020	Search for a charged partner of the X(3872) in the B meson decay $B \rightarrow X \square$, $X \rightarrow J/\psi \square$. <i>Physical Review D</i> , 2005 , 71,	4.9	71

1019	Observation of a narrow meson decaying to $D_s + D^*$ at a mass of $2.458 \text{ GeV}/c^2$. <i>Physical Review D</i> , 2004 , 69,	4.9	71
1018	Search for Majorana neutrinos in $B^- \rightarrow \mu^+ \mu^-$ decays. <i>Physical Review Letters</i> , 2014 , 112, 131802	7.4	70
1017	Dalitz plot analysis of $B_s^0 \rightarrow D^* K^*$ decays. <i>Physical Review D</i> , 2014 , 90,	4.9	70
1016	Measurement of CP violation in the phase space of $B^0 \rightarrow K^* K^*$ and $B^0 \rightarrow K^* K^+ K^-$ decays. <i>Physical Review Letters</i> , 2013 , 111, 101801	7.4	70
1015	Measurement of D^0 - D^0 mixing parameters using $D^0 \rightarrow K(S)^*(0) K^*$ and $D^0 \rightarrow K(S)^*(0) K^+ K^-$ decays. <i>Physical Review Letters</i> , 2010 , 105, 081803	7.4	70
1014	Observation of CP violation in $B^0 \rightarrow D K^*$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 712, 203-212	4.2	69
1013	Study of D^* meson decays to $D^* + \pi^0$ and $D^* + \eta$ final states in pp collisions. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	69
1012	Observation of excited $\Sigma(1300)$ baryons. <i>Physical Review Letters</i> , 2012 , 109, 172003	7.4	68
1011	Evidence for the $\eta(b)(1S)$ meson in radiative $\Upsilon(2S)$ decay. <i>Physical Review Letters</i> , 2009 , 103, 161801	8.0	67
1010	Measurement of the $B \rightarrow X_s \mu^+ \mu^-$ Branching Fraction and Search for Direct CP Violation from a Sum of Exclusive Final States. <i>Physical Review Letters</i> , 2014 , 112,	7.4	66
1009	Measurement of CP violation and the B_s^0 meson decay width difference with $B_s^0 \rightarrow J/\psi K^* K^*$ and $B_s^0 \rightarrow J/\psi K^*$ decays. <i>Physical Review D</i> , 2013 , 87,	4.9	66
1008	First observation of $B_s^0 \rightarrow J/\psi \eta(980)$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 698, 115-122	4.2	66
1007	Study of the χ and χ' charmonium states formed in p annihilations. <i>Nuclear Physics B</i> , 1992 , 373, 35-54	2.8	66
1006	Charm hadron properties in 400 GeV/cpp interactions. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1988 , 40, 321-346		66
1005	Search for a muonic dark force at BaBar. <i>Physical Review D</i> , 2016 , 94,	4.9	66
1004	Measurements of prompt charm production cross-sections in pp collisions at $(\sqrt{s}=13)$ TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	65
1003	Search for Hidden-Sector Bosons in $B(0) \rightarrow K^*(0) \mu^+ \mu^-$ Decays. <i>Physical Review Letters</i> , 2015 , 115, 161802	7.4	65
1002	Evidence of $B^+ \rightarrow \mu^+ \mu^-$ decays with hadronic B tags. <i>Physical Review D</i> , 2013 , 88,	4.9	65

1001	Search for $B \rightarrow \pi \pi$ recoiling against $B \rightarrow D0 \pi$. <i>Physical Review D</i> , 2010 , 81,	4.9	65
1000	Study of the production of and hadrons in pp collisions and first measurement of the branching fraction. <i>Chinese Physics C</i> , 2016 , 40, 011001	2.2	65
999	Search for Structure in the $B_{s^0} \rightarrow \pi \pi$ Invariant Mass Spectrum. <i>Physical Review Letters</i> , 2016 , 117, 152003	7.4	64
998	Differential branching fraction and angular analysis of the $B \rightarrow K + \pi \pi$ decay. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	63
997	Measurement of (2^-) meson production in collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2012 , 72, 2100	4.2	63
996	Angular distributions in the decay $B \rightarrow K^* l + \pi$ <i>Physical Review D</i> , 2009 , 79,	4.9	63
995	Improved measurement of the CKM angle γ in $B \rightarrow D^{(*)} K^{(*)}$ decays with a Dalitz plot analysis of D decays to $KS0 \pi$ and $KS0 K + \pi$ <i>Physical Review D</i> , 2008 , 78,	4.9	63
994	Search for $B \rightarrow \pi \pi$ decays with hadronic B tags. <i>Physical Review D</i> , 2008 , 77,	4.9	62
993	Measurement of CP violation in the phase space of $B \rightarrow K + K - \pi$ and $B \rightarrow \pi \pi \pi$ decays. <i>Physical Review Letters</i> , 2014 , 112, 011801	7.4	61
992	Observation of overlapping spin-1 and spin-3 $D0 K^-$ resonances at mass 2.86 GeV/c ² . <i>Physical Review Letters</i> , 2014 , 113, 162001	7.4	61
991	Study of excited charm-strange baryons with evidence for new baryons $\Xi(3055)^+$ and $\Xi(3123)^+$. <i>Physical Review D</i> , 2008 , 77,	4.9	61
990	Study of J/ψ production and cold nuclear matter effects in pPb collisions at $(\sqrt{s_{NN}}) = 5$ TeV. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	60
989	Inclusive W and Z production in the forward region at $(\sqrt{s} = 7, \text{TeV})$. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	60
988	Observation of the $\eta(2P)$ meson in the reaction $B \rightarrow D D \pi$ at BABAR. <i>Physical Review D</i> , 2010 , 81,	4.9	60
987	Search for CP violation in the decays $D0 \rightarrow K^- K^+$ and $D0 \rightarrow \pi^- \pi^+$. <i>Physical Review Letters</i> , 2008 , 100, 061803	7.4	60
986	Measurements of the absolute branching fractions of $B^{\pm} \rightarrow K^{\pm} X(cc)$. <i>Physical Review Letters</i> , 2006 , 96, 052002	7.4	60
985	Search for $A^{\prime} \rightarrow \pi^+ \pi^-$ Decays. <i>Physical Review Letters</i> , 2020 , 124, 041801	7.4	60
984	Study of the reaction $e^+ e^- \rightarrow (2S) \pi \pi$ via initial-state radiation at BaBar. <i>Physical Review D</i> , 2014 , 89,	4.9	59

983	Measurement of the isospin asymmetry in $B \rightarrow K^{*0} \pi^0$ decays. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	59
982	Precision measurement of the $e^+e^- \rightarrow K^+K^-\pi^0$ cross section with the initial-state radiation method at BABAR. <i>Physical Review D</i> , 2013 , 88,	4.9	59
981	Analysis of the resonant components in $B_{s0} \rightarrow J/\psi \pi^0$ <i>Physical Review D</i> , 2012 , 86,	4.9	59
980	Measurement of the Γ and Δ transition form factors at $q^2=112 \text{ GeV}^2$. <i>Physical Review D</i> , 2006 , 74,	4.9	59
979	Measurements of the magnetic form factor of the proton for timelike momentum transfers. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2003 , 559, 20-25	4.2	59
978	Study of inclusive production of charmonium mesons in B decays. <i>Physical Review D</i> , 2003 , 67,	4.9	59
977	Production of J/ψ and (φ) mesons in pp collisions at $(\sqrt{s}=8) \text{ TeV}$. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	58
976	Measurement of Collins asymmetries in inclusive production of charged pion pairs in e^+e^- annihilation at BABAR. <i>Physical Review D</i> , 2014 , 90,	4.9	58
975	Study of CP violation in Dalitz-plot analyses of $B_0 \rightarrow K^+K^-\pi^0$, $B^+ \rightarrow K^+K^-\pi^+$, and $B^+ \rightarrow K^0K^0\pi^+$. <i>Physical Review D</i> , 2012 , 85,	4.9	58
974	Direct CP, lepton flavor, and isospin asymmetries in the decays $B \rightarrow K^{*0} \pi^{\pm}$. <i>Physical Review Letters</i> , 2009 , 102, 091803	7.4	58
973	Search for the rare decays $B_s^0 \rightarrow \eta \pi^0$ and $B_0 \rightarrow \eta \pi^0$ <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 699, 330-340	4.2	58
972	Evidence for direct CP violation from Dalitz-plot analysis of $B_{\psi}^0 \rightarrow K^0 \pi^0$. <i>Physical Review D</i> , 2008 , 78,	4.9	58
971	Results of a search for the $h_c(P11)$ state of charmonium in the η and J/ψ decay modes. <i>Physical Review D</i> , 2005 , 72,	4.9	58
970	Measurement of the $\Lambda_b(0)$, $\Sigma_b(-)$, and $\Lambda_b(-)$ Baryon masses. <i>Physical Review Letters</i> , 2013 , 110, 182001	7.4	57
969	Measurement of $ V_{cb} $ and the form-factor slope in $B \rightarrow D \ell \nu(\ell)$ decays in events tagged by a fully reconstructed B meson. <i>Physical Review Letters</i> , 2010 , 104, 011802	7.4	57
968	Measurement of the $e^+e^- \rightarrow b\bar{b}$ Cross Section between $\sqrt{s}=10.54$ and 11.20 GeV . <i>Physical Review Letters</i> , 2009 , 102, 012001	7.4	57
967	Determination of the Branching Fraction for $B \rightarrow X_c D$ Decays and of $ V_{cb} $ from Hadronic-Mass and Lepton-Energy Moments. <i>Physical Review Letters</i> , 2004 , 93,	7.4	57
966	Amplitude analysis of $B^+ \rightarrow J/\psi K^+$ decays. <i>Physical Review D</i> , 2017 , 95,	4.9	56

965	B meson decays to $(P)K^*$, $(P)\pi(P)\pi$, π , and π . <i>Physical Review D</i> , 2004 , 70,	4.9	56
964	Measurement of b-hadron masses. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 708, 241-248	4.2	55
963	Observation of the decay $B(c)(+) \rightarrow B(s)(0)\pi$. <i>Physical Review Letters</i> , 2013 , 111, 181801	7.4	55
962	Determination of the sign of the decay width difference in the $B(s)(0)$ system. <i>Physical Review Letters</i> , 2012 , 108, 241801	7.4	55
961	Search for the X(4140) state in $B^+ \rightarrow J/\psi K^+$ decays. <i>Physical Review D</i> , 2012 , 85,	4.9	55
960	Measurement of the $B \rightarrow X_s$ branching fraction and photon energy spectrum using the recoil method. <i>Physical Review D</i> , 2008 , 77,	4.9	55
959	Exclusive branching-fraction measurements of semileptonic tau decays into three charged hadrons, into $\phi\pi(-)\nu\tau$, and into $\phi K(-)\nu\tau$. <i>Physical Review Letters</i> , 2008 , 100, 011801	7.4	55
958	Measurement of the J/ψ and ψ' resonance parameters in p-barp annihilation. <i>Physical Review D</i> , 1993 , 47, 772-783	4.9	55
957	Differential branching fraction and angular analysis of $\pi^0 b \rightarrow \pi\pi$ decays. <i>Journal of High Energy Physics</i> , 2015 , 2015,	5.4	54
956	Measurement of resonant and CP components in $B^0 \rightarrow J/\psi\pi$ decays. <i>Physical Review D</i> , 2014 , 89,	4.9	54
955	Observation of CP violation in $B(0) \rightarrow K(+)\pi(-)$ and $B(0) \rightarrow \pi(+)\pi(-)$. <i>Physical Review Letters</i> , 2007 , 99, 021603	7.4	54
954	First Observation of the Doubly Charmed Baryon Decay $\chi_{cc}^{++} \rightarrow \chi_c^+ \pi^+$. <i>Physical Review Letters</i> , 2018 , 121, 162002	7.4	54
953	Precision measurement of CP violation in $B(S)(0) \rightarrow J/\psi K^-$ decays. <i>Physical Review Letters</i> , 2015 , 114, 041801	7.4	53
952	Dalitz plot analysis of $B^0 \rightarrow D^0 \pi\pi$ decays. <i>Physical Review D</i> , 2015 , 92,	4.9	53
951	Measurements of $B(c)^+$ production and mass with the $B(c)^+ \rightarrow J/\psi$ decay. <i>Physical Review Letters</i> , 2012 , 109, 232001	7.4	53
950	Measurement of the resonant and CP components in $B^0 \rightarrow J/\psi\pi$ decays. <i>Physical Review D</i> , 2014 , 90,	4.9	52
949	Study of $X(3915) \rightarrow J/\psi n$ two-photon collisions. <i>Physical Review D</i> , 2012 , 86,	4.9	52
948	Search for low-mass dark-sector Higgs bosons. <i>Physical Review Letters</i> , 2012 , 108, 211801	7.4	52

947	Observation of $B^+ \rightarrow K^0 K^+$ and $B^0 \rightarrow K^0 K^0$. <i>Physical Review Letters</i> , 2006 , 97, 171805	7.4	52
946	Dalitz plot analysis of the decay $B^0 \rightarrow K^0 K^0 \pi^0$. <i>Physical Review D</i> , 2006 , 74,	4.9	52
945	Measurement of the $B^0 \rightarrow \pi^-(l)(+\nu)$ form-factor shape and branching fraction, and determination of $ V_{ub} $ with a loose neutrino reconstruction technique. <i>Physical Review Letters</i> , 2007 , 98, 091801	7.4	52
944	Observation of CP Violation in Charm Decays. <i>Physical Review Letters</i> , 2019 , 122, 211803	7.4	51
943	Measurement of b-hadron branching fractions for two-body decays into charmless charged hadrons. <i>Journal of High Energy Physics</i> , 2012 , 2012,	5.4	51
942	Search for a low-mass higgs boson in $Upsilon(3S) \rightarrow \gamma A(0)$, $A(0) \rightarrow \tau^+ \tau^-$ at BABAR. <i>Physical Review Letters</i> , 2009 , 103, 181801	7.4	51
941	Branching fraction and form-factor shape measurements of exclusive charmless semileptonic B decays, and determination of $ V_{ub} $. <i>Physical Review D</i> , 2012 , 86,	4.9	51
940	Measurement of branching fractions for exclusive B decays to charmonium final states. <i>Physical Review D</i> , 2002 , 65,	4.9	51
939	Observation of a New χ_{b1} Resonance. <i>Physical Review Letters</i> , 2018 , 121, 072002	7.4	50
938	First observation of the decay $B(c)^+ \rightarrow J/\psi K^+$. <i>Physical Review Letters</i> , 2012 , 108, 251802	7.4	50
937	Observation of the decay $B \rightarrow J/\psi K$ and search for $X(3872) \rightarrow J/\psi K$. <i>Physical Review Letters</i> , 2004 , 93, 041801	7.4	50
936	Measurement of J/ψ production in continuum e^+e^- annihilations near square root of $s = 10.6$ GeV. <i>Physical Review Letters</i> , 2001 , 87, 162002	7.4	50
935	Precision measurement of the $B_s^0 \rightarrow B^0$ oscillation frequency with the decay $B_s^0 \rightarrow D^0$. <i>New Journal of Physics</i> , 2013 , 15, 053021	2.9	49
934	Analysis of the resonant components in $B^0 \rightarrow J/\psi K^0$. <i>Physical Review D</i> , 2013 , 87,	4.9	49
933	Search for long-lived scalar particles in $B^+ \rightarrow K^+ \pi^0$ decays. <i>Physical Review D</i> , 2017 , 95,	4.9	48
932	Precision measurement of D meson mass differences. <i>Journal of High Energy Physics</i> , 2013 , 2013,	5.4	48
931	Study of $B \rightarrow D^* \pi J + D^* \pi$ decays. <i>Physical Review Letters</i> , 2004 , 93, 181801	7.4	48
930	Evidence for resonances in antiproton-proton annihilations at. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993 , 307, 394-398	4.2	48

929	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> , 2016 , 2016, 1	5-4	48
928	Measurement of forward J/ψ production cross-sections in pp collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5-4	47
927	Measurements of CP violation in the three-body phase space of charmless B^0 decays. <i>Physical Review D</i> , 2014 , 90,	4-9	47
926	Searches for Majorana neutrinos in B^0 decays. <i>Physical Review D</i> , 2012 , 85,	4-9	47
925	Measurements of $B(B^0 \rightarrow \pi^+ \rho^0)$ and $B(B^0 \rightarrow \pi^+ \rho^-)$ and studies of ρ resonances. <i>Physical Review D</i> , 2008 , 78,	4-9	47
924	Measurement of branching fractions and CP and isospin asymmetries for $B \rightarrow K^* \pi$. <i>Physical Review D</i> , 2004 , 70,	4-9	47
923	Measurement of CP-Averaged Observables in the $B^0 \rightarrow K^* \pi^+ \pi^-$ Decay. <i>Physical Review Letters</i> , 2020 , 125, 011802	7-4	46
922	Observation of $B_{c^+} \rightarrow J/\psi D_s^+$ and $B_{c^+} \rightarrow J/\psi D_s^{*+}$ decays. <i>Physical Review D</i> , 2013 , 87,	4-9	46
921	Study of $B^0 \rightarrow \pi^+ \pi^-$ decays and constraints on the CKM angle β . <i>Physical Review D</i> , 2007 , 76,	4-9	46
920	Measurement of the $B \rightarrow J/\psi K^*(892)$ decay amplitudes. <i>Physical Review Letters</i> , 2001 , 87, 241801	7-4	46
919	Measurement of branching fractions and search for CP-violating charge asymmetries in charmless two-body B decays into pions and kaons. <i>Physical Review Letters</i> , 2001 , 87, 151802	7-4	46
918	Measurement of matter-antimatter differences in beauty baryon decays. <i>Nature Physics</i> , 2017 , 13, 391-396.	6-2	45
917	Measurement of B meson production cross-sections in proton-proton collisions at ($\sqrt{s}=7$) TeV. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5-4	45
916	Observation of D^0 - \bar{D}^0 oscillations. <i>Physical Review Letters</i> , 2013 , 110, 101802	7-4	45
915	Search for CPT and lorentz violation in B^0 - \bar{B}^0 oscillations with dilepton events. <i>Physical Review Letters</i> , 2008 , 100, 131802	7-4	45
914	Amplitude analysis of $B^0 \rightarrow D^+ \pi^-$ decays. <i>Physical Review D</i> , 2016 , 94,	4-9	45
913	Measurement of the Lifetime of the Doubly Charmed Baryon Ξ_{cc}^{++} . <i>Physical Review Letters</i> , 2018 , 121, 052002	7-4	44
912	J/ψ production via initial state radiation in $e^+e^- \rightarrow \mu^+\mu^- J/\psi$ at an e^+e^- center-of-mass energy near 10.6 GeV. <i>Physical Review D</i> , 2004 , 69,	4-9	44

911	Precision measurement of the ratio of the . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 734, 122-130	4.2	43
910	Measurement of the cross-section for $Z \rightarrow e+e-$ production in pp collisions at $(\sqrt{s}=7)$ TeV. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	43
909	First evidence of direct CP violation in charmless two-body decays of B_s^0 mesons. <i>Physical Review Letters</i> , 2012 , 108, 201601	7.4	43
908	Observation of a resonance in $B^+ \rightarrow K^+ \pi^0$ decays at low recoil. <i>Physical Review Letters</i> , 2013 , 111, 112003	7.4	43
907	Measurements of the semileptonic decays $B^+ \rightarrow D^0 \ell^+ \nu$ and $B^+ \rightarrow D^{*0} \ell^+ \nu$ using a global fit to $D X^0$ final states. <i>Physical Review D</i> , 2009 , 79,	4.9	43
906	Search for production of invisible final states in single-photon decays of $\Upsilon(1S)$. <i>Physical Review Letters</i> , 2011 , 107, 021804	7.4	43
905	Precision measurement of the $B \rightarrow X_s \gamma$ photon energy spectrum, branching fraction, and direct CP asymmetry $A_{CP}(\text{BR}(B \rightarrow X(s+d)))$. <i>Physical Review Letters</i> , 2012 , 109, 191801	7.4	43
904	Determination of the form factors for the decay $B^0 \rightarrow D^{*+} \pi^-$ and of the CKM matrix element $ V_{cb} $. <i>Physical Review D</i> , 2008 , 77,	4.9	43
903	Measurement of CP asymmetry in $D^0 \rightarrow K^+ K^-$ and $D^0 \rightarrow \pi^+ \pi^-$ decays. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	42
902	Measurement of the $B_s^0 B_s^0$ oscillation frequency Γ_{fs} in $B_s^0 \rightarrow D_s(B) \pi^0$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 709, 177-184	4.2	42
901	Measurement of the exclusive \bar{p} production cross-section in pp collisions at $(\sqrt{s}=7)$ TeV and 8 TeV. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	42
900	Search for the $Z_1(4050)^+$ and $Z_2(4250)^+$ states in $B^0 \rightarrow \pi^+ K^-$ and $B^+ \rightarrow \pi^+ K^0$. <i>Physical Review D</i> , 2012 , 85,	4.9	42
899	Measurement of the ratio of prompt . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 718, 431-440	4.2	42
898	First observation of the decay $B_s^{*2}(5840)(0) \rightarrow B^{*+} K^-$ and studies of excited $B_s(0)$ mesons. <i>Physical Review Letters</i> , 2013 , 110, 151803	7.4	42
897	Evidence for direct CP violation in the measurement of the Cabbibo-Kobayashi-Maskawa angle β with $B^? \rightarrow D^{(*)} K^{(*)?}$ decays. <i>Physical Review Letters</i> , 2010 , 105, 121801	7.4	42
896	Limits on μ nepton-flavor violating decays into three charged leptons. <i>Physical Review D</i> , 2010 , 81,	4.9	42
895	Dalitz plot analysis of $B^+ \rightarrow \pi^+ \pi^0$ decays. <i>Physical Review D</i> , 2009 , 79,	4.9	42
894	Study of $B^0 \rightarrow \pi^0 \pi^0$, $B^+ \rightarrow \pi^0 \pi^+$, and $B^+ \rightarrow K^0 \pi^+$ decays, and isospin analysis of $B \rightarrow \pi$ decays. <i>Physical Review D</i> , 2007 , 76,	4.9	42

893	Measurement of the $B \rightarrow K00$ branching fraction. <i>Physical Review D</i> , 2007 , 76,	4.9	42
892	Measurement of the hadronic form factor in $D0 \rightarrow K\bar{B} + \bar{B}$ decays. <i>Physical Review D</i> , 2007 , 76,	4.9	42
891	Measurement of the [Formula: see text] production cross-section in proton-proton collisions via the decay [Formula: see text]. <i>European Physical Journal C</i> , 2015 , 75, 311	4.2	41
890	Search for the doubly charmed baryon (Ξ_{cc}^{++}). <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	41
889	Measurements of the $B0 \rightarrow J/\psi$ decay amplitudes and the $B0$ polarisation in pp collisions at $s=7$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 724, 27-35	4.2	41
888	Measurement of the cross-section ratio . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 714, 215-223	4.2	41
887	Dalitz plot analysis of $B\bar{B} \rightarrow D + \pi$ <i>Physical Review D</i> , 2009 , 79,	4.9	41
886	Search for hadronic decays of a light Higgs boson in the radiative decay $B \rightarrow A0$. <i>Physical Review Letters</i> , 2011 , 107, 221803	7.4	41
885	Cross sections for the reactions $e+e \rightarrow K+K\bar{K} \rightarrow K+K00$, and $K+K\bar{K}+K\bar{K}$ measured using initial-state radiation events. <i>Physical Review D</i> , 2012 , 86,	4.9	41
884	Measurements of branching fractions, polarizations, and direct CP-violation asymmetries in $B \rightarrow \rho K^*$ and $B \rightarrow f_0(980) K^*$ decays. <i>Physical Review Letters</i> , 2006 , 97, 201801	7.4	41
883	Search for the Decays $B_{(s)}^0 \rightarrow \bar{D}^+ D^-$ and $B^0 \rightarrow \bar{D}^+ D^-$. <i>Physical Review Letters</i> , 2017 , 118, 251802	7.4	40
882	Measurement of the $e+e \rightarrow \text{pp}$ cross section in the energy range from 3.0 to 6.5 GeV. <i>Physical Review D</i> , 2013 , 88,	4.9	40
881	Exclusive measurements of $b \rightarrow s$ transition rate and photon energy spectrum. <i>Physical Review D</i> , 2012 , 86,	4.9	40
880	Measurement of the inclusive electron spectrum in charmless semileptonic B decays near the kinematic end point and determination of $ V_{ub} $. <i>Physical Review D</i> , 2006 , 73,	4.9	40
879	Vector-tensor and vector-vector decay amplitude analysis of $B0 \rightarrow \phi K^0$. <i>Physical Review Letters</i> , 2007 , 98, 051801	7.4	40
878	Measurement of the Mass Difference Between Neutral Charm-Meson Eigenstates. <i>Physical Review Letters</i> , 2019 , 122, 231802	7.4	39
877	Opposite-side flavour tagging of mesons at the LHCb experiment. <i>European Physical Journal C</i> , 2012 , 72, 2022	4.2	39
876	Differential branching fraction and angular analysis of the decay $B0 \rightarrow K^0 \pi \pi$ <i>Physical Review Letters</i> , 2012 , 108, 181806	7.4	39

875	Observation of Upsilon(4S) decays to $\pi^+\pi^-\text{Upsilon}(1S)$ and $\pi^+\pi^-\text{Upsilon}(2S)$. <i>Physical Review Letters</i> , 2006 , 96, 232001	7.4	39
874	Observation of B_0 meson decay to a $1^-(1260)\pi^+$. <i>Physical Review Letters</i> , 2006 , 97, 051802	7.4	39
873	Search for $B^+ \rightarrow \mu^+\mu^+$. <i>Physical Review D</i> , 2007 , 76,	4.9	39
872	Measurement of the pseudoscalar decay constant f_D using charm-tagged events in e^+e^- collisions at square root $s=10.58$ GeV. <i>Physical Review Letters</i> , 2007 , 98, 141801	7.4	39
871	Measurements of the branching fractions of exclusive charmless B meson decays with η' or ω mesons. <i>Physical Review Letters</i> , 2001 , 87, 221802	7.4	39
870	Search for di-muon decays of a low-mass Higgs boson in radiative decays of the $\Upsilon(1S)$. <i>Physical Review D</i> , 2013 , 87,	4.9	38
869	Measurements of charged current lepton universality and $ V_{us} $ using tau lepton decays to $e^- \ell^+ \ell^-$ ($\ell = \mu, \tau$) and $K^- \ell^+ \ell^-$. <i>Physical Review Letters</i> , 2010 , 105, 051602	7.4	38
868	Production of charged pions, kaons, and protons in e^+e^- annihilations into hadrons at $s=10.54$ GeV. <i>Physical Review D</i> , 2013 , 88,	4.9	37
867	Time-dependent amplitude analysis of $B_0 \rightarrow K_S^0 \mu^+ \mu^-$. <i>Physical Review D</i> , 2009 , 80,	4.9	37
866	Measurement of $B \rightarrow K^* \gamma$ branching fractions and charge asymmetries. <i>Physical Review Letters</i> , 2002 , 88, 101805	7.4	37
865	Measurement of the b-Quark Production Cross Section in 7 and 13 TeV pp Collisions. <i>Physical Review Letters</i> , 2017 , 118, 052002	7.4	36
864	First observation of the decay ($B_c^+ \rightarrow [J/\psi K^+]$). <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	36
863	Measurement of $D^0\bar{D}^0$ mixing using the ratio of lifetimes for the decays $D^0 \rightarrow K_S^0, K_S^0 K^+$, and μ^+ . <i>Physical Review D</i> , 2008 , 78,	4.9	36
862	Time-dependent and time-integrated angular analysis of $B \rightarrow K_S^0 \mu^+ \mu^-$. <i>Physical Review D</i> , 2008 , 78,	4.9	36
861	Measurement of the $B \rightarrow \pi \ell \nu$ branching fraction and determination of absolute value of V_{ub} with tagged B mesons. <i>Physical Review Letters</i> , 2006 , 97, 211801	7.4	36
860	Observation of the decay $B^+ \rightarrow K^+ K^- \pi^+$. <i>Physical Review Letters</i> , 2007 , 99, 221801	7.4	36
859	Improved limits on the lepton-flavor violating decays $\tau \rightarrow \ell^+ \ell^+ \ell^-$. <i>Physical Review Letters</i> , 2007 , 99, 251803	7.4	36
858	Measurement of CP asymmetries in $B_0 \rightarrow \pi^0 K^0$ and $B_0 \rightarrow K^+ K^- K_S^0$ decays. <i>Physical Review D</i> , 2005 , 71,	4.9	36

857	Limits on the decay-rate difference of neutral B mesons and on CP, T, and CPT violation in B^0B^0 oscillations. <i>Physical Review D</i> , 2004 , 70,	4.9	36
856	Measurements of branching fractions and time-dependent CP-violating asymmetries in $B \rightarrow \eta' K$ decays. <i>Physical Review Letters</i> , 2005 , 94, 191802	7.4	36
855	Branching fractions and CP asymmetries in $B^0 \rightarrow \pi^0 \pi^0$, $B^+ \rightarrow \pi^+ \pi^0$, and $B^+ \rightarrow K^+ \pi^0$ decays and isospin analysis of the $B \rightarrow \pi \pi$ system. <i>Physical Review Letters</i> , 2005 , 94, 181802	7.4	36
854	Search for massive long-lived particles decaying semileptonically in the LHCb detector. <i>European Physical Journal C</i> , 2017 , 77, 224	4.2	35
853	Measurement of B_c^+ Production in Proton-Proton Collisions at $\sqrt{s}=8$ TeV. <i>Physical Review Letters</i> , 2015 , 114, 132001	7.4	35
852	Measurement of [Formula: see text] polarisation in [Formula: see text] collisions at [Formula: see text] = 7 TeV. <i>European Physical Journal C</i> , 2014 , 74, 2872	4.2	35
851	Observation of two new $(b)(-)$ baryon resonances. <i>Physical Review Letters</i> , 2015 , 114, 062004	7.4	35
850	First observation of the decay $B^+ \rightarrow \Xi^+ \Xi^0$. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	35
849	Measurement of the $B \rightarrow \bar{d}$ transition form factor. <i>Physical Review D</i> , 2010 , 81,	4.9	35
848	Search for invisible decays of the Upsilon(1S). <i>Physical Review Letters</i> , 2009 , 103, 251801	7.4	35
847	Search for lepton number violating decays $B^+ \rightarrow \mu^+ \mu^+ \mu^-$ and $B^+ \rightarrow K^- \mu^+ \mu^+$. <i>Physical Review Letters</i> , 2012 , 108, 101601	7.4	35
846	Protein-tyrosine phosphatase H1 controls growth hormone receptor signaling and systemic growth. <i>Journal of Biological Chemistry</i> , 2007 , 282, 35405-15	5.4	35
845	Study of the $D_s J^*(2317)^+$ and $D_s J(2460)^+$ mesons in inclusive $cc\bar{c}$ production near $\sqrt{s}=10.6$ GeV. <i>Physical Review D</i> , 2006 , 74,	4.9	35
844	Measurement of the inclusive charmless semileptonic branching ratio of B mesons and determination of $ V_{ub} $. <i>Physical Review Letters</i> , 2004 , 92, 071802	7.4	35
843	Study of the decay $B^0(B^-) \rightarrow \rho^+ \rho^-$, and constraints on the Cabibbo-Kobayashi-Maskawa angle α . <i>Physical Review Letters</i> , 2004 , 93, 231801	7.4	35
842	Study of the angular distributions of the reactions $p\bar{p} \rightarrow \bar{d}1, \bar{d}2 \rightarrow J/\psi e^+ e^-$. <i>Physical Review D</i> , 2002 , 65,	4.9	35
841	Amplitude analysis of the $B^+ \rightarrow D^+ D_s^+$ decay. <i>Physical Review D</i> , 2020 , 102,	4.9	34
840	Measurement of forward W and Z boson production in pp collisions at $\sqrt{s} = 8$ TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016,	5.4	34

839	Measurement of the CP violating phase . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 707, 497-505	4.2	34
838	Quantum numbers of the X(3872) state and orbital angular momentum in its J/ψ decay. <i>Physical Review D</i> , 2015 , 92,	4.9	34
837	Measurement of $B(B \rightarrow X_s)$, the $B \rightarrow X_s$ photon energy spectrum, and the direct CP asymmetry in $B \rightarrow X_s + d$ decays. <i>Physical Review D</i> , 2012 , 86,	4.9	34
836	Measurement of D^0 - D^0 mixing parameters and search for CP violation using $D^0 \rightarrow K^+ \pi^-$ decays. <i>Physical Review Letters</i> , 2013 , 111, 251801	7.4	34
835	Measurement of D^0 - D^0 mixing from a time-dependent amplitude analysis of $D^0 \rightarrow K^+ \pi^- \pi^0$ decays. <i>Physical Review Letters</i> , 2009 , 103, 211801	7.4	34
834	Absolute luminosity measurements with the LHCb detector at the LHC. <i>Journal of Instrumentation</i> , 2012 , 7, P01010-P01010	1	34
833	Measurements of moments of the hadronic mass distribution in semileptonic B decays. <i>Physical Review D</i> , 2004 , 69,	4.9	34
832	Observation of a significant excess of $\pi^0 \pi^0$ events in B meson decays. <i>Physical Review Letters</i> , 2003 , 91, 241801	7.4	34
831	Search for the decay $B^+ \rightarrow K^+ \nu \nu$. <i>Physical Review Letters</i> , 2005 , 94, 101801	7.4	34
830	Study of the D^0 p amplitude in $D^0 b \rightarrow D^0 p$ decays. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	33
829	Measurement of the CP-violating phase γ in $B^0 \rightarrow J/\psi$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 736, 186-195	4.2	33
828	Measurement of the CKM angle Γ from a combination of $B^0 \rightarrow D h$ analyses. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 726, 151-163	4.2	33
827	Study of χ_{c1} b meson production in $p p$ collisions at $\sqrt{s} = 7$ and 8 TeV. <i>European Physical Journal C</i> , 2014 , 74,	4.2	33
826	Measurement of the . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 713, 186-195	4.2	33
825	Searches for rare or forbidden semileptonic charm decays. <i>Physical Review D</i> , 2011 , 84,	4.9	33
824	Measurement of decay amplitudes of $B \rightarrow J/\psi^*, (\psi S) K^*$, and $B^1 K^*$ with an angular analysis. <i>Physical Review D</i> , 2007 , 76,	4.9	33
823	Improved measurements of the branching fractions for $B^0 \rightarrow \pi^+ \pi^-$ and $B^0 \rightarrow K^+ \pi^-$ and a search for $B^0 \rightarrow K^+ K^-$ <i>Physical Review D</i> , 2007 , 75,	4.9	33
822	Search for lepton flavor violating decays $\tau^{(\pm)} \rightarrow l^{(\pm)} \pi^0$, $l^{(\pm)} \eta$, $l^{(\pm)} \eta'$. <i>Physical Review Letters</i> , 2007 , 98, 061803	7.4	33

821	Measurements of CP-violating asymmetries and branching fractions in B meson decays to $\eta'K$. <i>Physical Review Letters</i> , 2003 , 91, 161801	7.4	33
820	Identification of beauty and charm quark jets at LHCb. <i>Journal of Instrumentation</i> , 2015 , 10, P06013-P06013		32
819	Measurement of the [Formula: see text] meson lifetime using [Formula: see text] decays. <i>European Physical Journal C</i> , 2014 , 74, 2839	4.2	32
818	Cross sections for the reactions $e^+e^- \rightarrow K_S^0 K_L^0$, $K_S^0 K_L^0 \rightarrow K_S^0 K_S^0$ and $K_S^0 K_S^0 + K_L^0$ from events with initial-state radiation. <i>Physical Review D</i> , 2014 , 89,	4.9	32
817	Precision measurement of the $B(0)$ baryon lifetime. <i>Physical Review Letters</i> , 2013 , 111, 102003	7.4	32
816	Amplitude analysis and branching fraction measurement of $B_c^0 \rightarrow J/\psi + K^0$ <i>Physical Review D</i> , 2013 , 87,	4.9	32
815	Study of $B_c^0 \rightarrow \psi(2S) K^0$ and $B_c^0 \rightarrow \psi(3770) K^0$ decays at BABAR. <i>Physical Review D</i> , 2008 , 77,	4.9	32
814	Measurements of CP-violating asymmetries in the decay $B_c^0 \rightarrow K^+ K^- K^0$. <i>Physical Review Letters</i> , 2007 , 99, 161802	7.4	32
813	Measurement of the gamma gamma partial width of the chi 2 charmonium resonance. <i>Physical Review Letters</i> , 1993 , 70, 2988-2991	7.4	32
812	Measurements of long-range near-side angular correlations in $\sqrt{s_{NN}}=5$ TeV proton-lead collisions in the forward region. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 762, 473-483	4.2	32
811	Measurement of the relative rate of prompt χ_0 , χ_1 and χ_2 production at ($\sqrt{s}=7$) TeV. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	31
810	Measurement of the forward Z boson production cross-section in pp collisions at ($\sqrt{s}=7$) TeV. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	31
809	Measurement of the flavour-specific CP-violating asymmetry. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 728, 607-615	4.2	31
808	Measurement of the CP-violating phase. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 713, 378-386	4.2	31
807	Measurement of the. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 718, 902-909	4.2	31
806	Measurement of CP asymmetries and branching fractions in charmless two-body B-meson decays to pions and kaons. <i>Physical Review D</i> , 2013 , 87,	4.9	31
805	Dalitz plot analysis of $D_{s^+} \rightarrow \pi^+ \pi^0 \pi^0$. <i>Physical Review D</i> , 2009 , 79,	4.9	31
804	Improved measurement of CP violation in neutral B decays to $cc[\overline{s}]$. <i>Physical Review Letters</i> , 2007 , 99, 171803	7.4	31

803	Measurement of CP violation parameters with a Dalitz plot analysis of $B_{\{+/-\}} \rightarrow D\{\pi\{+/-\}\pi\{0\}\}K_{\{+/-\}}$. <i>Physical Review Letters</i> , 2007 , 99, 251801	7.4	3 ¹
802	Measurement of the B^+/B^0 production ratio from the $\Upsilon(4S)$ meson using $B^+ \rightarrow J/\psi K^+$ and $B^0 \rightarrow J/\psi K^0$ decays. <i>Physical Review D</i> , 2004 , 69,	4.9	3 ¹
801	Improved Measurement of the Cabibbo-Kobayashi-Maskawa angle α using $B^0(B^+) \rightarrow \rho^0(\rho^+)$ decays. <i>Physical Review Letters</i> , 2005 , 95, 041805	7.4	3 ¹
800	Precision measurements of charmonium states formed in $p\bar{p}$ annihilation. <i>Physical Review Letters</i> , 1992 , 68, 1468-1471	7.4	3 ¹
799	Study of the kinematic dependences of $\Upsilon(4S) b$ production in pp collisions and a measurement of the $\Upsilon(4S) b \rightarrow \Upsilon(4S) c$ branching fraction. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	3 ⁰
798	Search for $D(s)^+ \rightarrow \eta \eta'$ and $D(s)^+ \rightarrow \eta \eta$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 724, 203-212	4.2	3 ⁰
797	First observation and amplitude analysis of the $B_c^+ \rightarrow D^+ K^0$ decay. <i>Physical Review D</i> , 2015 , 91,	4.9	3 ⁰
796	Precision measurement of the mass and lifetime of the $\Upsilon(b)(0)$ baryon. <i>Physical Review Letters</i> , 2014 , 113, 032001	7.4	3 ⁰
795	Measurement of $D^0 D^0$ mixing using the ratio of lifetimes for the decays $D^0 \rightarrow K_S^0$ and $K^+ K^-$ <i>Physical Review D</i> , 2009 , 80,	4.9	3 ⁰
794	Dalitz plot analysis of $D_s^+ \rightarrow K^+ K_S^0$. <i>Physical Review D</i> , 2011 , 83,	4.9	3 ⁰
793	Amplitude analysis of the decay $B_c^+ \rightarrow \eta \eta'$. <i>Physical Review D</i> , 2005 , 72,	4.9	3 ⁰
792	Limits on the decay-rate difference of neutral B mesons and on CP, T, and CPT violation in $B(0-0)B$ oscillations. <i>Physical Review Letters</i> , 2004 , 92, 181801	7.4	3 ⁰
791	Study of the $\eta_c(1(1)S_0)$ state of charmonium formed in $p\bar{p}$ annihilations and a search for the $\eta_c(2(1)S_0)$. <i>Physical Review D</i> , 1995 , 52, 4839-4854	4.9	3 ⁰
790	Observation of the $\Upsilon(4S) b \rightarrow J/\psi \Upsilon(4S)$ decay. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	2 ⁹
789	Observation of photon polarization in the $b \rightarrow s \gamma$ transition. <i>Physical Review Letters</i> , 2014 , 112, 161801	7.4	2 ⁹
788	Search for the rare decays . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 708, 55-67	4.2	2 ⁹
787	Measurement of the ratio of branching fractions $B(B^0 \rightarrow K^0 \gamma)/B(B_s^0 \rightarrow \gamma)$ and the direct CP asymmetry in $B^0 \rightarrow K^0 \gamma$ <i>Nuclear Physics B</i> , 2013 , 867, 1-18	2.8	2 ⁹
786	Search for direct CP violation in . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 723, 33-43	4.2	2 ⁹

785	Measurement of the differential branching fraction of the decay . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 725, 25-35	4.2	29
784	Observation of direct CP violation in the measurement of the Cabibbo-Kobayashi-Maskawa angle α with $B_{\bar{d}} \rightarrow D^{(*)} K^{(*)}$ decays. <i>Physical Review D</i> , 2013 , 87,	4.9	29
783	Measurement of the $B_0 \rightarrow \bar{D}^0$ and $B^+ \rightarrow \bar{D}^0$ branching fractions, the $B_0 \rightarrow \bar{D}^0$ and $B^+ \rightarrow \bar{D}^0$ form-factor shapes, and determination of $ V_{ub} $. <i>Physical Review D</i> , 2011 , 83,	4.9	29
782	Study of $B \rightarrow D^{(*)} D_s(J)^{(*)}$ decays and measurement of D_s and $D_s J(2460)$ branching fractions. <i>Physical Review D</i> , 2006 , 74,	4.9	29
781	Study of the angular distribution of the reaction $p\text{-bar} p \rightarrow \chi_{c2} \rightarrow J/\psi \gamma \rightarrow e^+ e^- \gamma$. <i>Physical Review D</i> , 1993 , 48, 3037-3044	4.9	29
780	Observation of Two Resonances in the $[b^0]_{\bar{d}}$ Systems and Precise Measurement of $[b^0]_{\bar{d}}$ and $[b^0]_{\bar{u}}$ Properties. <i>Physical Review Letters</i> , 2019 , 122, 012001	7.4	29
779	Measurement of the semileptonic CP asymmetry in B_0 - B_0 mixing. <i>Physical Review Letters</i> , 2015 , 114, 041601	7.4	28
778	Measurement of J/ψ production in pp collisions at $(\sqrt{s}=2.76; \text{TeV})$. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	28
777	Observation of the decay $B_{c^+} \rightarrow \bar{D}_s^0$. <i>Physical Review D</i> , 2013 , 87,	4.9	28
776	Observation of the $(13D_J)$ bottomonium state through decays to $\psi(1S)$. <i>Physical Review D</i> , 2010 , 82,	4.9	28
775	Study of $B \rightarrow X$ decays and determination of $ V_{td}/V_{ts} $. <i>Physical Review D</i> , 2010 , 82,	4.9	28
774	Measurement of $B \rightarrow K^{*}(892) \gamma$ branching fractions and CP and Isospin asymmetries. <i>Physical Review Letters</i> , 2009 , 103, 211802	7.4	28
773	Measurement of the branching fractions of $B \rightarrow D^{**}(\ell) \nu(\ell)$ decays in events tagged by a fully reconstructed B meson. <i>Physical Review Letters</i> , 2008 , 101, 261802	7.4	28
772	Search for $D_0 \bar{D}_0$ mixing using doubly flavor tagged semileptonic decay modes. <i>Physical Review D</i> , 2007 , 76,	4.9	28
771	Measurement of CP-violating asymmetries in $B_0 \rightarrow \bar{D}^0$ using a time-dependent Dalitz plot analysis. <i>Physical Review D</i> , 2007 , 76,	4.9	28
770	Evidence for the $B_0 \rightarrow \bar{D}^0 K^{*0}$ and $B^+ \rightarrow \bar{D}^0 K^{*+}$ decays and study of the decay dynamics of B meson decays into \bar{D}^0 final states. <i>Physical Review D</i> , 2007 , 76,	4.9	28
769	New measurements of the resonance parameters of the $\psi(13P_0)$ state of charmonium. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2002 , 533, 237-242	4.2	28
768	Study of the ψ decays of the $\psi(13P_2)$ and $\psi(13P_0)$ charmonium resonances. <i>Physical Review D</i> , 2000 , 62,	4.9	28

767	Study of prompt D^0 meson production in pPb collisions at $(\sqrt{s_{\mathrm{N};\mathrm{N}}})=5$ TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5-4	27
766	Study of $B_{\mathrm{d}}^0 \rightarrow J/\psi + K_{\mathrm{S}}^0$ and search for $B^0 \rightarrow J/\psi$ at BaBar. <i>Physical Review D</i> , 2015 , 91,	4-9	27
765	Addendum: Observation of double charm production involving open charm in pp collisions at $(\sqrt{s}) = 7$ TeV. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5-4	27
764	Study of (φ) production and cold nuclear matter effects in pPb collisions at $(\sqrt{s_{\mathrm{NN}}}) = 5$ TeV. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5-4	27
763	Searches for violation of lepton flavour and baryon number in tau lepton decays at LHCb. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 724, 36-45	4-2	27
762	First measurement of the differential branching fraction and CP asymmetry of the $B_{\mathrm{d}}^0 \rightarrow \psi \psi$ decay. <i>Journal of High Energy Physics</i> , 2015 , 2015,	5-4	27
761	Measurement of $D^0\bar{D}^0$ mixing and CP violation in two-body D^0 decays. <i>Physical Review D</i> , 2013 , 87,	4-9	27
760	Studies of B_{d}^0 and B_{s}^0 at BABAR and a search for a second-class current. <i>Physical Review D</i> , 2011 , 83,	4-9	27
759	Search for the rare decay $B^0 \rightarrow \tau^+ \tau^-$ at BABAR. <i>Physical Review Letters</i> , 2006 , 96, 241802	7-4	27
758	Study of $B \rightarrow \psi$ and $B \rightarrow \psi$ decays and determination of $ V_{\mathrm{ub}} $. <i>Physical Review D</i> , 2005 , 72,	4-9	27
757	Measurements of the decays $B^0 \rightarrow D^0 \rho^0$, $B^0 \rightarrow D^0 \rho^+$, $B^0 \rightarrow D^+ \rho^-$, and $B^0 \rightarrow D^+ \rho^0$. <i>Physical Review D</i> , 2006 , 74,	4-9	27
756	Search for strange-pentaquark production in e+e- annihilation at $\sqrt{s} = 10.58$ GeV. <i>Physical Review Letters</i> , 2005 , 95, 042002	7-4	27
755	Prompt and nonprompt J/ψ production and nuclear modification in pPb collisions at $\sqrt{s_{\mathrm{NN}}} = 8.16$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017 , 774, 159-178	4-2	26
754	Measurement of b hadron fractions in 13 TeV pp collisions. <i>Physical Review D</i> , 2019 , 100,	4-9	26
753	Search for long-lived particles decaying to jet pairs. <i>European Physical Journal C</i> , 2015 , 75, 152	4-2	26
752	Precision measurement of the mass and lifetime of the Λ_b^0 baryon. <i>Physical Review Letters</i> , 2014 , 113, 242002	7-4	26
751	Search for a low-mass scalar Higgs boson decaying to a tau pair in single-photon decays of $\Upsilon(1S)$. <i>Physical Review D</i> , 2013 , 88,	4-9	26
750	Measurement of CP observables in $B_{\mathrm{d}}^0 \rightarrow D^0 \rho^0$ decays and constraints on the CKM angle ϕ_1 . <i>Physical Review D</i> , 2010 , 82,	4-9	26

749	Measurement of semileptonic B decays into orbitally excited charmed mesons. <i>Physical Review Letters</i> , 2009 , 103, 051803	7.4	26
748	Measurements of the Γ mass and the mass difference of the B^0 and B^{\pm} BABAR. <i>Physical Review D</i> , 2009 , 80,	4.9	26
747	Measurements of neutral B decay branching fractions to KS^0 final states and the charge asymmetry of $B^0 \rightarrow K^{*+} \pi^-$ <i>Physical Review D</i> , 2006 , 73,	4.9	26
746	Observation of the decay $B^0 \rightarrow \eta \pi^0$ and measurement of the branching fraction and polarization. <i>Physical Review D</i> , 2004 , 69,	4.9	26
745	Observation of the decay $B^+ \rightarrow \pi^+ \pi^0$, study of $B^+ \rightarrow K^+ \pi^0$, and search for $B^0 \rightarrow \pi^0 \pi^0$. <i>Physical Review Letters</i> , 2003 , 91, 021801	7.4	26
744	Measurement of branching fractions and charge asymmetries for exclusive B decays to charmonium. <i>Physical Review Letters</i> , 2005 , 94, 141801	7.4	26
743	Improved measurements of CP-violating asymmetry amplitudes in $B^0 \rightarrow \pi^+ \pi^-$ decays. <i>Physical Review Letters</i> , 2005 , 95, 151803	7.4	26
742	Evidence for an resonance in decays. <i>European Physical Journal C</i> , 2018 , 78, 1019	4.2	26
741	Measurement of the phase difference between short- and long-distance amplitudes in the $B^0 \rightarrow \eta \pi^0$ decay. <i>European Physical Journal C</i> , 2017 , 77, 161	4.2	25
740	Model-Independent Study of Structure in $B^+ \rightarrow D^+ D^0 K^+$ Decays. <i>Physical Review Letters</i> , 2020 , 125, 242001	7.4	25
739	Measurement of the Difference of Time-Integrated CP Asymmetries in $D^0 \rightarrow K^+ K^-$ and $D^0 \rightarrow \pi^+ \pi^-$ Decays. <i>Physical Review Letters</i> , 2016 , 116, 191601	7.4	25
738	First measurement of time-dependent CP violation in $(B_s^0 \rightarrow K^+ K^-)$ decays. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	25
737	Evidence for the decay $B^0 \rightarrow J/\psi \pi^0$ and measurement of the relative branching fractions of B_s^0 meson decays to $J/\psi \pi^0$ and $J/\psi \eta$. <i>Nuclear Physics B</i> , 2013 , 867, 547-566	2.8	25
736	Measurement of the J/ψ pair production cross-section in pp collisions at $(\sqrt{s}=13)$ TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	25
735	Model-independent confirmation of the $Z(4430)$ state. <i>Physical Review D</i> , 2015 , 92,	4.9	25
734	Measurement of the lifetime of the B_c^+ meson using the $B_c^+ \rightarrow J/\psi \pi^+$ decay mode. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015 , 742, 29-37	4.2	25
733	Studies of beauty baryon decays to $D^0 p \pi^0$ and $\Lambda^+ h^0$ final states. <i>Physical Review D</i> , 2014 , 89,	4.9	25
732	Search for the lepton-flavor-violating decays $B(s)0 \rightarrow e(\mu)\tau$ and $B^0 \rightarrow e(\mu)\tau$. <i>Physical Review Letters</i> , 2013 , 111, 141801	7.4	25

731	Measurement of the $D^*(2010)^+$ meson width and the $D^*(2010)^+ - D_0$ mass difference. <i>Physical Review Letters</i> , 2013 , 111, 111801	7.4	25
730	First observation of $B_{\text{s}}^0 \rightarrow D_{\text{s}}^{*2} + X^0$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 698, 14-20	4.2	25
729	Analysis of the $D^{*+} \rightarrow K^0 e^+ \bar{\nu}_e$ decay channel. <i>Physical Review D</i> , 2011 , 83,	4.9	25
728	Study of hadronic transitions between Ξ states and observation of $\Xi(4S) \rightarrow \Xi(1S)$ decay. <i>Physical Review D</i> , 2008 , 78,	4.9	25
727	Dalitz plot analysis of the decay $B_0(B^0) \rightarrow K^0 \bar{K}^0$. <i>Physical Review D</i> , 2008 , 78,	4.9	25
726	Study of the decay $D_{\text{s}}^{*+} \rightarrow K^+ K^0 \bar{\nu}_e$. <i>Physical Review D</i> , 2008 , 78,	4.9	25
725	Measurements of CP-violating asymmetries in $B_0 \rightarrow a_1^{+/-} (1260) \pi^{+/-}$ decays. <i>Physical Review Letters</i> , 2007 , 98, 181803	7.4	25
724	Measurement of the $B_0 \rightarrow D^* D_{\text{s}}^{*+}$ and $D_{\text{s}}^{*+} \rightarrow \bar{\nu}_e$ branching fractions. <i>Physical Review D</i> , 2005 , 71,	4.9	25
723	Measurement of the direct CP asymmetry in $b \rightarrow s$ gamma Decays. <i>Physical Review Letters</i> , 2004 , 93, 021804	7.4	25
722	Production of associated Y and open charm hadrons in pp collisions at ($\sqrt{s}=7$) and 8 TeV via double parton scattering. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	25
721	Search for $B^{\{+/-\}} \rightarrow K^{\{+/-\}} \bar{K}^{\{+/-\}}$ at the BaBar Experiment. <i>Physical Review Letters</i> , 2017 , 118, 031802	7.4	24
720	Measurement of charged particle multiplicities in pp collisions at ($\sqrt{s} = 7 \sim \text{TeV}$) in the forward region. <i>European Physical Journal C</i> , 2012 , 72, 1	4.2	24
719	Measurement of the CP -violating phase $\arg(B_0 \rightarrow J/\psi \bar{K}^0)$ decays and limits on penguin effects. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015 , 742, 38-49	4.2	24
718	First observation of a baryonic B_{c}^+ decay. <i>Physical Review Letters</i> , 2014 , 113, 152003	7.4	24
717	Study of $D_{\text{s}}^+ J$ decays to $\{D^{\{+/-\}} K_{\text{S}}^0\}^0$ and $D_0 K^+$ final states in pp collisions. <i>Journal of High Energy Physics</i> , 2012 , 2012,	5.4	24
716	Search for CP violation in the decay $B_{\text{s}}^0(B^0) \rightarrow \bar{K}^0 \pi^0$ <i>Physical Review D</i> , 2012 , 85,	4.9	24
715	Measurement of the absolute branching fractions for $D_{\text{s}} \rightarrow \pi^0$ and extraction of the decay constant $f_{D_{\text{s}}}$. <i>Physical Review D</i> , 2010 , 82,	4.9	24
714	Search for lepton-number violating processes in $B^+ \rightarrow h^+ \ell^+ \ell^+$ decays. <i>Physical Review D</i> , 2012 , 85,	4.9	24

713	Measurement of time dependent CP asymmetry parameters in B0 meson decays to $\bar{K}S0$, $\bar{K}K0$, and $\bar{K}KS0$. <i>Physical Review D</i> , 2009 , 79,	4.9	24
712	Measurement of the $B \rightarrow \pi\pi$ branching fraction and a search for a second-class current in the $B \rightarrow \pi(958)\pi$ decay. <i>Physical Review D</i> , 2008 , 77,	4.9	24
711	Measurement of the branching fraction, polarization, and CP asymmetries in $B0 \rightarrow \pi\pi$ decay, and implications for the CKM angle β . <i>Physical Review D</i> , 2008 , 78,	4.9	24
710	Amplitude analysis of the $B^+ \rightarrow \pi^0 K^*(892)^+ / -$ decay. <i>Physical Review Letters</i> , 2007 , 99, 201802	7.4	24
709	Amplitude analysis of the decay $D0 \rightarrow K\bar{K} + \pi$. <i>Physical Review D</i> , 2007 , 76,	4.9	24
708	Measurement of branching fractions and charge asymmetries in $B^+ \rightarrow \rho^+ \pi^0$ and $B^+ \rightarrow \rho^0 \pi^+$ decays, and search for $B0 \rightarrow \rho^0 \pi^0$. <i>Physical Review Letters</i> , 2004 , 93, 051802	7.4	24
707	Measurement of the $B0 \rightarrow K2^*(1430)0$ and $B^+ \rightarrow K2^*(1430)^+$ branching fractions. <i>Physical Review D</i> , 2004 , 70,	4.9	24
706	Search for the decay $B0 \rightarrow p\bar{p}$. <i>Physical Review D</i> , 2004 , 69,	4.9	24
705	Measurement of the branching fraction for inclusive semileptonic B meson decays. <i>Physical Review D</i> , 2003 , 67,	4.9	24
704	Measurement of $B0$ - $B0$ flavor oscillations in hadronic $B0$ decays. <i>Physical Review Letters</i> , 2002 , 88, 221802	7.4	24
703	Measurement of Υ production in $p\bar{p}$ collisions at $\sqrt{s} = 2.76$ TeV. <i>European Physical Journal C</i> , 2014 , 74,	4.2	23
702	Search for the rare decay $D0 \rightarrow \pi\pi$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 725, 15-24	4.2	23
701	Measurement of the shape of the $B0 \rightarrow \pi^+ \pi^-$ differential decay rate. <i>Physical Review D</i> , 2017 , 96,	4.9	23
700	Updated search for long-lived particles decaying to jet pairs. <i>European Physical Journal C</i> , 2017 , 77, 812	4.2	23
699	Measurement of the $D0 \rightarrow \pi^+ \pi^-$ differential decay branching fraction as a function of q^2 and study of form factor parametrizations. <i>Physical Review D</i> , 2015 , 91,	4.9	23
698	Measurement of the ratio of Bc^+ branching fractions to J/ψ and J/ψ final states. <i>Physical Review D</i> , 2014 , 90,	4.9	23
697	Measurement of prompt hadron production ratios in pp collisions at $\sqrt{s} = 0.9$ and 7 TeV. <i>European Physical Journal C</i> , 2012 , 72, 1	4.2	23
696	Determination of $f(s)/f(d)$ for 7 TeV pp collisions and measurement of the $B0 \rightarrow D-K^+$ branching fraction. <i>Physical Review Letters</i> , 2011 , 107, 211801	7.4	23

695	Search for CP violation in neutral D meson Cabibbo-suppressed three-body decays. <i>Physical Review D</i> , 2008 , 78,	4.9	23
694	Measurements of branching fraction, polarization, and charge asymmetry of $B^{+/-} \rightarrow \rho^{+/-} \rho^0$ and a search for $B^{+/-} \rightarrow \rho^{+/-} f_0(980)$. <i>Physical Review Letters</i> , 2006 , 97, 261801	7.4	23
693	Measurements of the branching fractions of charged B decays to $K\pi\pi$ final states. <i>Physical Review D</i> , 2004 , 70,	4.9	23
692	Experiment E835 at Fermilab. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2004 , 519, 558-609	1.2	23
691	Study of the rare decays $B^0 \rightarrow D^{(*)+}(s)\pi^-$ and $B^0 \rightarrow D^{(*)-}(s)K^+$. <i>Physical Review Letters</i> , 2003 , 90, 181803	7.4	23
690	Measurement of time-dependent CP-violating asymmetries and constraints on $\sin(2\beta)$ with partial reconstruction of $B \rightarrow D^* \pi$ decays. <i>Physical Review D</i> , 2005 , 71,	4.9	23
689	Search for the rare decays $B \rightarrow Kl^{+}l^{-}$ and $B \rightarrow K^{*}l^{+}l^{-}$. <i>Physical Review Letters</i> , 2002 , 88, 241801	7.4	23
688	Measurement of the CKM angle Γ from a combination of LHCb results. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	23
687	Dalitz plot analyses of $B^0 \rightarrow D\bar{D}^0 K^+$ and $B^+ \rightarrow D\bar{D}^0 K^+$ decays. <i>Physical Review D</i> , 2015 , 91,	4.9	22
686	Search for the lepton flavour violating decay $\mu \rightarrow e \gamma$. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	22
685	Search for Violations of Lorentz Invariance and CPT Symmetry in $B_{(s)}$ Mixing. <i>Physical Review Letters</i> , 2016 , 116, 241601	7.4	22
684	Observation of New Resonances in the $B^0 \rightarrow \pi^+ \pi^-$ System. <i>Physical Review Letters</i> , 2019 , 123, 152001	7.4	22
683	Measurements of the B^+ , B^0 , B_s^0 meson and Λ_b^0 baryon lifetimes. <i>Journal of High Energy Physics</i> , 2014 , 2014,	5.4	22
682	Search for lepton-number violating $B^+ \rightarrow X \mu^+ \nu$ decays. <i>Physical Review D</i> , 2014 , 89,	4.9	22
681	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> , 2012 , 709, 50-58	4.2	22
680	Measurement of the $B^0 \rightarrow K^* e^+ e^-$ branching fraction at low dilepton mass. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	22
679	Observation of the Decays $B^0 \rightarrow \pi^+ \rho^-$ and $B^0 \rightarrow \pi^+ \rho^0$. <i>Physical Review Letters</i> , 2017 , 119, 062001	7.4	22
678	Measurement of CP Violation in $B^0 \rightarrow J/\psi K_S^0$ Decays. <i>Physical Review Letters</i> , 2015 , 115, 031601	7.4	22

677	Measurement of the forward-backward asymmetry in $Z/\gamma \rightarrow e^+e^-$ decays and determination of the effective weak mixing angle. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	22
676	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> , 2014 , 739, 218-228	4.2	22
675	Measurement of mixing and CP violation parameters in two-body charm decays. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	22
674	Search for $b \rightarrow u$ transitions in $B^0 \rightarrow DK^0$ and $D^* K^0$ decays. <i>Physical Review D</i> , 2010 , 82,	4.9	22
673	Measurement and interpretation of moments in inclusive semileptonic decays $B^0 \rightarrow X c \ell$. <i>Physical Review D</i> , 2010 , 81,	4.9	22
672	Evidence for the $h_b(1P)$ meson in the decay $(B^0_S) \rightarrow \eta h_b(1P)$. <i>Physical Review D</i> , 2011 , 84,	4.9	22
671	Observation of $B^0 \rightarrow D^0(0)K^+K^-$ and evidence for $B(s)(0) \rightarrow D^0(0)K^+K^-$. <i>Physical Review Letters</i> , 2012 , 109, 131801	7.4	22
670	Measurements of $B \rightarrow \{\pi, \eta, \eta', \nu\} \ell \bar{\nu}$ branching fractions and determination of $ V_{ub} $ with semileptonically tagged B mesons. <i>Physical Review Letters</i> , 2008 , 101, 081801	7.4	22
669	Branching fraction measurements of $B^{++} \rightarrow \rho^+ \gamma$, $B^0 \rightarrow \rho^0 \gamma$, and $B^0 \rightarrow \omega \gamma$. <i>Physical Review Letters</i> , 2007 , 98, 151802	7.4	22
668	Measurement of the time-dependent CP-violating asymmetry in $B^0 \rightarrow K_S^0 \pi^0$ decays. <i>Physical Review D</i> , 2005 , 72,	4.9	22
667	Measurement of the Cabibbo-Kobayashi-Maskawa matrix element V_{ub} with $B \rightarrow \rho \ell \nu$ decays. <i>Physical Review Letters</i> , 2003 , 90, 181801	7.4	22
666	Measurement of Antiproton Production in p-He Collisions at $\sqrt{s_{NN}}=110$ GeV. <i>Physical Review Letters</i> , 2018 , 121, 222001	7.4	22
665	Forward production of Λ mesons in pp collisions at ($\sqrt{s}=7$) and 8 TeV. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	21
664	Study of Beauty Hadron Decays into Pairs of Charm Hadrons. <i>Physical Review Letters</i> , 2014 , 112,	7.4	21
663	Measurement of the CP asymmetry in $B(0) \rightarrow K^*(0) \pi^+ \pi^-$ decays. <i>Physical Review Letters</i> , 2013 , 110, 031801	7.4	21
662	Exclusive production of $D_s^+ D_s^-$ and $D_s^* D_s^{*-}$ via e^+e^- annihilation with initial-state radiation. <i>Physical Review D</i> , 2010 , 82,	4.9	21
661	Search for CP violation using T-odd correlations in $D^0 \rightarrow K^+ K^- \pi^0$ decays. <i>Physical Review D</i> , 2010 , 81,	4.9	21
660	Amplitude analysis of $B^0 \rightarrow K^+ \pi^-$ and evidence of direct CP violation in $B \rightarrow K^* \pi$ decays. <i>Physical Review D</i> , 2011 , 83,	4.9	21

659	Search for the decay modes $B_{\bar{c}} \rightarrow h_{\bar{c}} \pi$. <i>Physical Review D</i> , 2012 , 86,	4.9	21
658	Observation and polarization measurements of $B^{+/-} \rightarrow \phi K^{1+/-}$ and $B^{+/-} \rightarrow \phi K^{2*+/-}$. <i>Physical Review Letters</i> , 2008 , 101, 161801	7.4	21
657	Observation of $B_{\bar{c}} \rightarrow K^{*0} K^0$ and Search for $B_{\bar{c}} \rightarrow K^{*0} K^{*0}$. <i>Physical Review Letters</i> , 2008 , 100, 081801	7.4	21
656	Production and decay of Ω_{cc} . <i>Physical Review Letters</i> , 2007 , 99, 062001	7.4	21
655	Observation of CP violation in $B \rightarrow \eta' K^0$ decays. <i>Physical Review Letters</i> , 2007 , 98, 031801	7.4	21
654	Measurement of the branching fractions for the exclusive decays of B^0 and B^+ to $D^{(*)} D^{(*)} K$. <i>Physical Review D</i> , 2003 , 68,	4.9	21
653	Search for beautiful tetraquarks in the $\psi(1S)$ invariant-mass spectrum. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	21
652	Measurement of angular asymmetries in the decays $B \rightarrow K^* \pi$. <i>Physical Review D</i> , 2016 , 93,	4.9	20
651	Measurement of charged particle multiplicities and densities in [Formula: see text] collisions at [Formula: see text] TeV in the forward region. <i>European Physical Journal C</i> , 2014 , 74, 2888	4.2	20
650	Recent Results in Bottomonium. <i>Annual Review of Nuclear and Particle Science</i> , 2013 , 63, 21-44	15.7	20
649	Observation of the decay $(B_{\bar{c}}^+ \rightarrow J/\psi + K^+)$. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	20
648	Study of J/ψ Production in Jets. <i>Physical Review Letters</i> , 2017 , 118, 192001	7.4	20
647	Angular analysis of the $B^0 \rightarrow K^{*0} e^+ e^-$ decay in the low- q^2 region. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	20
646	Study of forward Z + jet production in pp collisions at $(\sqrt{s}) = 7$ TeV. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	20
645	A model-independent Dalitz plot analysis of . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 718, 43-55	4.2	20
644	Search for the rare decay $B \rightarrow K \pi$. <i>Physical Review D</i> , 2010 , 82,	4.9	20
643	Improved measurement of $B^+ \rightarrow \rho^+ \rho^0$ and determination of the quark-mixing phase angle α . <i>Physical Review Letters</i> , 2009 , 102, 141802	7.4	20
642	Measurement of the $B \rightarrow D^{(*)} D^{(*)} K$ branching fractions. <i>Physical Review D</i> , 2011 , 83,	4.9	20

641	Measurements of the branching fractions for $B(s) \rightarrow D(s)$ and $B^0 \rightarrow \bar{D}^0$. <i>Physical Review D</i> , 2011 , 84,	4.9	20
640	Study of $B^0 \rightarrow Xu$ decays in BB events tagged by a fully reconstructed B-meson decay and determination of $ V_{ub} $. <i>Physical Review D</i> , 2012 , 86,	4.9	20
639	Prompt. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2010 , 693, 69-80.	4.2	20
638	Searches for the decays $B^0 \rightarrow l\bar{l}$ and $B^+ \rightarrow l^+l^-$ using hadronic tag reconstruction. <i>Physical Review D</i> , 2008 , 77,	4.9	20
637	Evidence for CP violation in $B^0 \rightarrow J/\psi\pi^0$ decays. <i>Physical Review Letters</i> , 2008 , 101, 021801	7.4	20
636	Measurement of the branching fractions of exclusive $B \rightarrow D^{(*)}(\pi)l\bar{\nu}_l$ decays in events with a fully reconstructed B meson. <i>Physical Review Letters</i> , 2008 , 100, 151802	7.4	20
635	Determinations of from inclusive semileptonic decays with reduced model dependence. <i>Physical Review Letters</i> , 2006 , 96, 221801	7.4	20
634	Measurement of branching fractions and CP-violating charge asymmetries for B-meson decays to $D^{(*)}D^{(*)}$, and implications for the Cabibbo-Kobayashi-Maskawa angle. <i>Physical Review D</i> , 2006 , 73,	4.9	20
633	Measurement of branching fractions of color-suppressed decays of the B^0 meson to $D^{(*)}00$, $D^{(*)}0\bar{D}^{(*)}0$ and $D0\bar{D}$. <i>Physical Review D</i> , 2004 , 69,	4.9	20
632	Search for $D^0\bar{D}^0$ mixing using semileptonic decay modes. <i>Physical Review D</i> , 2004 , 70,	4.9	20
631	Determination of $ V_{ub} $ from measurements of the electron and neutrino momenta in inclusive semileptonic B decays. <i>Physical Review Letters</i> , 2005 , 95, 111801	7.4	20
630	Measurements of the branching fraction and CP-violation asymmetries in $B^0 \rightarrow f_0(980)K^0_S$. <i>Physical Review Letters</i> , 2005 , 94, 041802	7.4	20
629	Limit on the $B^0 \rightarrow \rho^0\rho^0$ branching fraction and implications for the Cabibbo-Kobayashi-Maskawa angle α . <i>Physical Review Letters</i> , 2005 , 94, 131801	7.4	20
628	Search for T and CP violation in B^0 - B^0 mixing with inclusive dilepton events. <i>Physical Review Letters</i> , 2002 , 88, 231801	7.4	20
627	Evaluation and preliminary measurement of the interaction of a dynamical gravitational near field with a cryogenic gravitational wave antenna. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1991 , 50, 21-29		20
626	Search for Long-Lived Particles in e^+e^- Collisions. <i>Physical Review Letters</i> , 2015 , 114, 171801	7.4	19
625	Amplitude analysis of the $B^+ \rightarrow \mu\mu$ decay. <i>Physical Review D</i> , 2020 , 101,	4.9	19
624	Measurements of the branching fractions of [Formula: see text] decays. <i>European Physical Journal C</i> , 2013 , 73, 2462	4.2	19

623	Model-independent search for CP violation in $B \rightarrow DK$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 726, 623-633	4.2	19
622	Measurement of the CKM angle α 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> , 2014 , 2014, 1	5.4	19
621	Measurement of the $B \rightarrow DK$ production cross-section in pp collisions at $\sqrt{s} = 7$ TeV. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	19
620	Measurements of the branching fractions and CP asymmetries of $B \rightarrow J/\psi K$ and $B \rightarrow \psi(2S) K$ decays. <i>Physical Review D</i> , 2012 , 85,	4.9	19
619	First observations of $B \rightarrow D^* D^* D^*$ and $D^* D^* D^*$ decays. <i>Physical Review D</i> , 2013 , 87,	4.9	19
618	Search for CP violation in B^0 - B^0 mixing using partial reconstruction of $B^0 \rightarrow D^{*+} X^0$ and a kaon tag. <i>Physical Review Letters</i> , 2013 , 111, 101802	7.4	19
617	Test of lepton universality in $B \rightarrow D^* \ell^+ \ell^-$ decays at BABAR. <i>Physical Review Letters</i> , 2010 , 104, 191801	7.4	19
616	Search for CP violation in the decay $B \rightarrow KS^0$. <i>Physical Review D</i> , 2011 , 83,	4.9	19
615	Initial-state radiation measurement of the $e^+e^- \rightarrow B^0 \bar{B}^0$ cross section. <i>Physical Review D</i> , 2012 , 85,	4.9	19
614	Search for the decay $D^0 \rightarrow B^0$ and measurement of the branching fraction for $D^0 \rightarrow B^0$. <i>Physical Review D</i> , 2012 , 85,	4.9	19
613	Measurement of time-dependent CP asymmetry in $B^0 \rightarrow KS^0 K^0$ decays. <i>Physical Review D</i> , 2008 , 78,	4.9	19
612	Study of B-meson decays to $B^0 K^*(*)$, $B^0(2S)K^*(*)$, and $B^0 \bar{K}^*(*)$. <i>Physical Review D</i> , 2008 , 78,	4.9	19
611	Measurement of CP-violating asymmetries in $B^0 \rightarrow D^{*+} D^{*-}$. <i>Physical Review Letters</i> , 2007 , 99, 071801	7.4	19
610	Measurement of the branching fraction and the CP-violating asymmetry for the decay $B^0 \rightarrow KS^0$. <i>Physical Review D</i> , 2005 , 71,	4.9	19
609	Measurements of the branching fractions and bounds on the charge asymmetries of charmless three-body charged B decays. <i>Physical Review Letters</i> , 2003 , 91, 051801	7.4	19
608	Measurement of the B^0 - B^0 oscillation frequency with inclusive dilepton events. <i>Physical Review Letters</i> , 2002 , 88, 221803	7.4	19
607	Observation of the Annihilation Decay Mode $B^0 \rightarrow K^+ K^-$. <i>Physical Review Letters</i> , 2017 , 118, 081801	7.4	18
606	Observation of an Excited B_{c^+} State. <i>Physical Review Letters</i> , 2019 , 122, 232001	7.4	18

605	Study of the lineshape of the $\Xi(3872)$ state. <i>Physical Review D</i> , 2020 , 102,	4.9	18
604	First Observation of Excited Ξ_b^{\prime} States. <i>Physical Review Letters</i> , 2020 , 124, 082002	7.4	18
603	Observation of Several Sources of CP Violation in $B^+ \rightarrow \Xi^+ \Xi^0$ Decays. <i>Physical Review Letters</i> , 2020 , 124, 031801	7.4	18
602	Measurement of the CP Asymmetry in B_{s^0} - $B_{\overline{s}^0}$ Mixing. <i>Physical Review Letters</i> , 2016 , 117, 061803	7.4	18
601	Searches for (Λ_b^0) and (Ξ_b^0) decays to $(K_{\text{S}}^0 p \pi^0)$ and $(K_{\text{S}}^0 p K^0)$ final states with first observation of the $(\Lambda_b^0 \rightarrow K_{\text{S}}^0 p \pi^0)$ decay. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	18
600	Angular analysis of charged and neutral $B \rightarrow K \pi$ decays. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	18
599	Measurements of indirect CP asymmetries in $D^0 \rightarrow K^- K^+$ and $D^0 \rightarrow \pi^+ \pi^-$ decays. <i>Physical Review Letters</i> , 2014 , 112, 041801	7.4	18
598	Measurement of relative branching fractions of decays to (2) and 1 mesons. <i>European Physical Journal C</i> , 2012 , 72, 2118	4.2	18
597	Measurement of the inclusive γ cross-section in pp collisions at $\sqrt{s} = 7$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 703, 267-273	4.2	18
596	Measurement of the semileptonic decays $B \rightarrow D \ell \nu$ and $B \rightarrow D^* \ell \nu$. <i>Physical Review D</i> , 2009 , 79,	4.9	18
595	Measurement of the branching ratios $B \rightarrow e^+ e^- J/\psi$ and $B \rightarrow J/\psi \mu^+ \mu^-$. <i>Physical Review D</i> , 1997 , 55, 1153-1158	4.9	18
594	Measurement of branching fractions and charge asymmetries in B decays to an eta meson and a K^* meson. <i>Physical Review Letters</i> , 2006 , 97, 201802	7.4	18
593	Dalitz plot analysis of $D^0 \rightarrow K^0 K^+ K^-$. <i>Physical Review D</i> , 2005 , 72,	4.9	18
592	Measurements of CP-violating asymmetries in $B^0 \rightarrow K(0^*) \pi^0$ decays. <i>Physical Review Letters</i> , 2004 , 93, 131805	7.4	18
591	Observation of $B^0 \rightarrow \omega K^0$, $B^{+-} \rightarrow \eta \pi^+$, and $B^{+-} \rightarrow \eta K^+$ and study of related decays. <i>Physical Review Letters</i> , 2004 , 92, 061801	7.4	18
590	Production of the $f_2(1520)$ resonance in antiproton-proton annihilations at $\sqrt{s} = 3.1$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993 , 307, 399-402	4.2	18
589	Observation of the decay $B_s^0 \rightarrow \eta \pi^0$ and evidence for $B^0 \rightarrow \eta \pi^0$. <i>Physical Review D</i> , 2017 , 95,	4.9	17
588	First Measurement of Charm Production in its Fixed-Target Configuration at the LHC. <i>Physical Review Letters</i> , 2019 , 122, 132002	7.4	17

587	Measurement of the forward energy flow in collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2013 , 73, 2421	4.2	17
586	Study of W boson production in association with beauty and charm. <i>Physical Review D</i> , 2015 , 92,	4.9	17
585	Measurement of forward Z \rightarrow e+e μ production at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	17
584	Measurement of the CP-violating phase γ_s in $B_s(0)\rightarrow D_s(+)\overline{D}_s(-)$ decays. <i>Physical Review Letters</i> , 2014 , 113, 211801	7.4	17
583	Observation of $B(s)(0) \rightarrow J/\psi(1285)$ decays and measurement of the $\psi(1285)$ mixing angle. <i>Physical Review Letters</i> , 2014 , 112, 091802	7.4	17
582	Measurement of the $\Upsilon(3P)$ mass and of the relative rate of $\Upsilon(1P)$ and $\Upsilon(2P)$ production. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	17
581	Measurement of the fraction of $\Upsilon(1S)$ originating from $B(1P)$ decays in pp collisions at ($\sqrt{s}=7, \text{TeV}$). <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	17
580	Observation and study of the baryonic B-meson decays $B\rightarrow D^{(*)}pp\overline{\Lambda}(\overline{\Sigma})$ <i>Physical Review D</i> , 2012 , 85,	4.9	17
579	Search for CP violation in $D^{+}\rightarrow K\overline{K}^+ \eta$ decays. <i>Physical Review D</i> , 2011 , 84,	4.9	17
578	Observation of $B(1S)$ and $B(2S)$ decays to $K+K\overline{\eta}$ in two-photon interactions. <i>Physical Review D</i> , 2011 , 84,	4.9	17
577	Study of high-multiplicity three-prong and five-prong Υ decays at BABAR. <i>Physical Review D</i> , 2012 , 86,	4.9	17
576	Measurement of the $B_s0\rightarrow J/\psi K^*0$ branching fraction and angular amplitudes. <i>Physical Review D</i> , 2012 , 86,	4.9	17
575	Search for $D0\text{-}\overline{D}0$ mixing and branching-ratio measurement in the decay $D0\rightarrow K^+ \pi^- \pi^0$. <i>Physical Review Letters</i> , 2006 , 97, 221803	7.4	17
574	Measurement of $\cos 2\beta$ in $B_{s0}\rightarrow D_{s0}^{(*)} h_{s0}$ decays with a time-dependent Dalitz plot analysis of $D\rightarrow K_{s0} \pi^+ \pi^-$. <i>Physical Review Letters</i> , 2007 , 99, 231802	7.4	17
573	Measurements of branching fractions in $B\rightarrow K$ and $B\rightarrow \eta$ and search for direct CP violation in $B\overline{B}\rightarrow K\overline{K}$. <i>Physical Review D</i> , 2004 , 69,	4.9	17
572	Measurement of the time-dependent CP asymmetry in the $B0\rightarrow \phi K0$ decay. <i>Physical Review Letters</i> , 2004 , 93, 071801	7.4	17
571	Rare B decays into states containing a J/ψ meson and a meson with s(-)s quark content. <i>Physical Review Letters</i> , 2003 , 91, 071801	7.4	17
570	Observations of $\Upsilon b \rightarrow K^+ \eta$ and $\Upsilon b \rightarrow K^+ K^0$ decays and searches for other Υb and Υb decays to $\overline{B} + h^0$ final states. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	17

569	Study of B_c^+ decays to the $K+K^*$ final state and evidence for the decay $B_c^+ \rightarrow \bar{D}^0 \pi^+$. <i>Physical Review D</i> , 2016 , 94,	4.9	17
568	Angular moments of the decay $\bar{D}^0 b \rightarrow \bar{D}^0 t$ low hadronic recoil. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	17
567	First Experimental Study of Photon Polarization in Radiative $B_{\{s\}}^0$ Decays. <i>Physical Review Letters</i> , 2017 , 118, 021801	7.4	16
566	Search for CP violation in $D^0 \rightarrow \bar{D}^0$ decays with the energy test. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015 , 740, 158-167	4.2	16
565	First Observation of D^0 - \bar{D}^0 Oscillations in $D^0 \rightarrow K^+ \pi^- \pi^+ \pi^-$ Decays and Measurement of the Associated Coherence Parameters. <i>Physical Review Letters</i> , 2016 , 116, 241801	7.4	16
564	Near-threshold (\overline{D}^0) spectroscopy and observation of a new charmonium state. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	16
563	Evidence for the decay ($B_{\{c\}}^+ \rightarrow \{J\} \left[\frac{3}{2} \right] \left[\frac{3}{2} \right]$). <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	16
562	Measurement of the effective $B_{s^0} \rightarrow K+K^*$ lifetime. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 707, 349-356	4.2	16
561	Observation of $\bar{D}(2S) \rightarrow p\bar{p}$ and search for $X(3872) \rightarrow p\bar{p}$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017 , 769, 305-313	4.2	16
560	Measurements of prompt charm production cross-sections in pp collisions at $\sqrt{s} = 5$ TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017,	5.4	16
559	First observation of top quark production in the forward region. <i>Physical Review Letters</i> , 2015 , 115, 112004	7.4	16
558	Amplitude analysis of $B^0 \rightarrow D^0 K^+ \pi^-$ decays. <i>Physical Review D</i> , 2015 , 92,	4.9	16
557	Dalitz plot analysis of $\bar{B} \rightarrow K+K^*$ and $\bar{B} \rightarrow K+K^0$ in two-photon interactions. <i>Physical Review D</i> , 2014 , 89,	4.9	16
556	Search for CP violation using T-odd correlations in $D^0 \rightarrow K+K^*$ decays. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	16
555	Observations of \bar{D}^0 . <i>Nuclear Physics B</i> , 2013 , 871, 403-419	2.8	16
554	Measurement of the branching fractions of the decays $B_{s^0} \rightarrow D^0 K^*$ and $B^0 \rightarrow D^0 K^+ \pi^-$. <i>Physical Review D</i> , 2013 , 87,	4.9	16
553	Observation of $B(s)(0) \rightarrow J/\psi(2)'(1525)$ in $J/\psi+K^-$ final states. <i>Physical Review Letters</i> , 2012 , 108, 151801	7.4	16
552	Two-body neutral final states produced in antiproton-proton annihilations at 2.911. <i>Physical Review D</i> , 1997 , 56, 2509-2531	4.9	16

551	Search for CP violation and a measurement of the relative branching fraction in $D^{*+} \rightarrow K_S^0 \pi^+$ decays. <i>Physical Review D</i> , 2005 , 71,	4.9	16
550	Measurement of branching fractions and charge asymmetries in B^+ decays to $\eta \pi^+$, ηK^+ , $\eta \rho^+$, and $\eta' \pi^+$, and search for B^0 decays to ηK^0 and $\eta \omega$. <i>Physical Review Letters</i> , 2005 , 95, 131803	7.4	16
549	Direct CP violation searches in charmless hadronic B meson decays. <i>Physical Review D</i> , 2002 , 65,	4.9	16
548	Study of the $\chi(1P03)$ State of Charmonium Formed in $p\bar{p}$ Annihilations. <i>Physical Review Letters</i> , 1999 , 83, 2902-2905	7.4	16
547	χ production characteristics in proton-proton interactions at. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1987 , 199, 462-468	4.2	16
546	Search for Higgs-like bosons decaying into long-lived exotic particles. <i>European Physical Journal C</i> , 2016 , 76, 664	4.2	16
545	Measurement of CP observables in $B_{\pm}^0 \rightarrow DK_{\pm}^0$ and $B_{\pm}^0 \rightarrow D_{\pm}^0$ with two- and four-body D decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 760, 117-131	4.2	16
544	Search for the lepton-flavour violating decays $B^0(s) \rightarrow e\mu\gamma$. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	15
543	Observation of Z production in proton-lead collisions at LHCb. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	15
542	Search for CP violation in the decay. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 728, 585-595	4.2	15
541	Measurement of the $B^0\bar{B}^0$ oscillation frequency Δm_d with the decays $B^0 \rightarrow D_{\pm}^0$ and $B^0 \rightarrow J/\psi K^0$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 719, 318-325	4.2	15
540	Bflavour tagging using charm decays at the LHCb experiment. <i>Journal of Instrumentation</i> , 2015 , 10, P10005-P10005		
539	Measurement of CP asymmetries in the decays $B^0 \rightarrow K^{*0} \pi^{\pm} \pi^{\mp}$ and $B^+ \rightarrow K^+ \pi^{\pm} \pi^{\mp}$. <i>Journal of High Energy Physics</i> , 2014 , 2014,	5.4	15
538	First measurement of the charge asymmetry in beauty-quark pair production. <i>Physical Review Letters</i> , 2014 , 113, 082003	7.4	15
537	Measurements of the branching fractions of the decays $B_{s^0} \rightarrow D_{s^{\pm}} \pi^{\mp} K^{\pm}$ and $B_{s^0} \rightarrow D_{s^{\pm}} \pi^{\pm} \pi^{\mp}$. <i>Journal of High Energy Physics</i> , 2012 , 2012,	5.4	15
536	Measurement of the polarization amplitudes in $B^0 \rightarrow J/\psi(892)^0$ decays. <i>Physical Review D</i> , 2013 , 88,	4.9	15
535	Search for a light Higgs boson decaying to two gluons or ss in the radiative decays of $\Upsilon(1S)$. <i>Physical Review D</i> , 2013 , 88,	4.9	15
534	Measurement of the decay $B(-) \rightarrow D^{*0} e(-) \nu_{\mu}$. <i>Physical Review Letters</i> , 2008 , 100, 231803	7.4	15

533	Measurements of partial branching fractions for $B \rightarrow X_{\text{charm}} \nu$ and determination of $ V_{ub} $. <i>Physical Review Letters</i> , 2008 , 100, 171802	7.4	15
532	Observation of $B^{*+} \rightarrow \rho^+ (1260) K^0$ and $B^0 \rightarrow \rho^- (1260) K^+$. <i>Physical Review Letters</i> , 2008 , 100, 051803	7.4	15
531	Observation of tree-level B decays with ss production from gluon radiation. <i>Physical Review Letters</i> , 2008 , 100, 171803	7.4	15
530	Search for lepton flavor violating decays $\tau_{\mu} \rightarrow l \nu \omega$. <i>Physical Review Letters</i> , 2008 , 100, 071802	7.4	15
529	Inclusive \bar{B}^+ production in e^+e^- annihilations at $\sqrt{s}=10.54$ GeV and in $\Upsilon(4S)$ decays. <i>Physical Review D</i> , 2007 , 75,	4.9	15
528	Observation of B Meson decays to $b_1 \pi$ and $b_1 K$. <i>Physical Review Letters</i> , 2007 , 99, 241803	7.4	15
527	Measurement of $B^0 \rightarrow D^{(*)0} K^0 K^{*0}$ branching fractions. <i>Physical Review D</i> , 2006 , 74,	4.9	15
526	Branching fractions and CP asymmetries in $B^0 \rightarrow K^+ K^- K^0 S$ and $B^{*+} \rightarrow K^+ K^0 S K^0 S$. <i>Physical Review Letters</i> , 2004 , 93, 181805	7.4	15
525	Measurement of the branching fraction, and bounds on the CP-violating asymmetries, of neutral B decays to $D^{*+/-} D^-/+$. <i>Physical Review Letters</i> , 2003 , 90, 221801	7.4	15
524	Search for the $\bar{B}^?$ ($21S_0$) charmonium resonance. <i>Physical Review D</i> , 2001 , 64,	4.9	15
523	Measurement of the $B(0)$ and $B(+)$ meson lifetimes with fully reconstructed hadronic final states. <i>Physical Review Letters</i> , 2001 , 87, 201803	7.4	15
522	Study of the $\bar{B}(3823)$ and $\bar{B}(3872)$ states in $B^+ \rightarrow (J/\psi) K^+$ decays. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	15
521	Observation of $\Lambda_b^- \rightarrow \rho^0 p K^0$ and $\Lambda_b^- \rightarrow J/\psi \Lambda K^0$ decays and a measurement of the Λ_b baryon mass. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	15
520	Measurement of the properties of the Λ_b^0 baryon. <i>Journal of High Energy Physics</i> , 2016 , 2016,	5.4	15
519	Evidence for the decay $(\{B\}_S^0 \rightarrow \{\overline{K}\}^{\ast 0} \{\mu\}^+ \{\mu\}^-)$. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	15
518	Precise measurements of the properties of the $B(5721)^{0,+}$ and $B^*(5747)^{0,+}$ states and observation of B_{charm}^+ mass structures. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	14
517	Measurement of indirect CP asymmetries in $D^0 \rightarrow K^+ K^-$ and $D^0 \rightarrow \pi^+ \pi^-$ decays using semileptonic B decays. <i>Journal of High Energy Physics</i> , 2015 , 2015,	5.4	14
516	Precision measurement of the $\bar{\Lambda}^+$, $\bar{\Lambda}^0$, and $\bar{\Lambda}^-$ baryon lifetimes. <i>Physical Review D</i> , 2019 , 100,	4.9	14

515	Search for CP violation in $D \rightarrow \pi^+ \pi^0$ and $(D_s^+ \rightarrow K_S^0 \pi^+)$ decays. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5-4	14
514	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> , 2013 , 2013,	5-4	14
513	Observation of $B_{(s)}^0$ $\overline{B}_{(s)}^0$ mixing and measurement of mixing frequencies using semileptonic B decays. <i>European Physical Journal C</i> , 2013 , 73,	4-2	14
512	Observation of the suppressed ADS modes. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 723, 44-53	4-2	14
511	Observation of D^0 Meson Decays to $\pi^+ \pi^- \pi^+ \pi^-$ and $K^+ K^- \pi^+ \pi^-$ Final States. <i>Physical Review Letters</i> , 2017 , 119, 181805	7-4	14
510	Evidence for the Strangeness-Changing Weak Decay $\overline{B}^0 \rightarrow \overline{B}^0 \pi^0$. <i>Physical Review Letters</i> , 2015 , 115, 241801	7-4	14
509	Evidence for CP violation in $B^+ \rightarrow \pi^+ \pi^0$ decays. <i>Physical Review Letters</i> , 2014 , 113, 141801	7-4	14
508	Measurement of the forward W boson cross-section in pp collisions at ($\sqrt{s}=7$) TeV. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5-4	14
507	First measurement of the CP-violating phase in $B_s(0) \rightarrow \pi^+ \pi^-$ decays. <i>Physical Review Letters</i> , 2013 , 110, 241802	7-4	14
506	Measurement of the $D^{*(2010)+}$ natural linewidth and the $D^{*(2010)+} D^0$ mass difference. <i>Physical Review D</i> , 2013 , 88,	4-9	14
505	First observation of $B^0 \rightarrow J/\psi K^0$ and search for $B^0 \rightarrow J/\psi \pi^0$ decays. <i>Physical Review D</i> , 2013 , 88,	4-9	14
504	Search for rare $B^0 \rightarrow \pi^+ \pi^- \pi^+ \pi^-$ decays. <i>Physical Review Letters</i> , 2013 , 110, 211801	7-4	14
503	First observation of the decay. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 706, 32-39	4-2	14
502	Search for charged lepton flavor violation in narrow upsilon decays. <i>Physical Review Letters</i> , 2010 , 104, 151802	7-4	14
501	Measurements of time-dependent CP asymmetries in $B^0 \rightarrow D^{(*)} D^{(*)} \pi^0$ decays. <i>Physical Review D</i> , 2009 , 79,	4-9	14
500	Model-independent search for the decay $B^+ \rightarrow \pi^+ \pi^0 \pi^0$. <i>Physical Review D</i> , 2009 , 80,	4-9	14
499	Observation of B meson decays to K^* and improved measurements for B^0 and B^+ . <i>Physical Review D</i> , 2009 , 79,	4-9	14
498	Search for $b \rightarrow u$ transitions in $B^0 \rightarrow D^0 K^0$ decays. <i>Physical Review D</i> , 2009 , 80,	4-9	14

497	B meson decays to charmless meson pairs containing $\bar{c}b$ mesons. <i>Physical Review D</i> , 2009 , 80,	4.9	14
496	Search for the rare leptonic decays $B_{u,d} \rightarrow l^+ l^-$ ($l=e,\mu$). <i>Physical Review D</i> , 2009 , 79,	4.9	14
495	Measurement of the $B_{u,d}(s)$ effective lifetime in the $J/\psi(980)$ final state. <i>Physical Review Letters</i> , 2012 , 109, 152002	7.4	14
494	Study of the baryonic B decay $B_{u,d} \rightarrow p \pi^0$. <i>Physical Review D</i> , 2012 , 86,	4.9	14
493	Amplitude analysis and measurement of the time-dependent CP asymmetry of $B^0 \rightarrow K_S^0 K_S^0 K_S^0$ decays. <i>Physical Review D</i> , 2012 , 85,	4.9	14
492	Measurement of the $B_{u,d}$ lifetime and the $B^0 \bar{B}^0$ oscillation frequency using partially reconstructed $B_{u,d} \rightarrow D^{*+} \pi^0$ decays. <i>Physical Review D</i> , 2006 , 73,	4.9	14
491	Measurement of the resonance parameters of the (13P1) and (13P2) states of charmonium formed in antiproton-proton annihilations. <i>Nuclear Physics B</i> , 2005 , 717, 34-47	2.8	14
490	Search for $B_{u,d} \rightarrow \eta$ and $B^0 \rightarrow \eta'$ decays. <i>Physical Review D</i> , 2006 , 74,	4.9	14
489	B meson decays to K^* , ρ , and ω . <i>Physical Review D</i> , 2006 , 74,	4.9	14
488	Search for flavor-changing neutral current and Lepton-flavor violating decays of $D^0 \rightarrow l^+ l^-$. <i>Physical Review Letters</i> , 2004 , 93, 191801	7.4	14
487	Measurement of $B^0 \rightarrow D_s^{(*)} D^{*+}$ branching fractions and $B^0 \rightarrow D_s^{(*)} D^{*+}$ polarization with a partial reconstruction technique. <i>Physical Review D</i> , 2003 , 67,	4.9	14
486	Measurement of the angular distribution in $B^0 \rightarrow \rho^+ \rho^-$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2005 , 610, 177-182	4.2	14
485	Search for the rare leptonic decay $B_{u,d} \rightarrow \tau^+ \nu_\tau$. <i>Physical Review Letters</i> , 2005 , 95, 041804	7.4	14
484	Search for the lepton-flavour violating decay $D^0 \rightarrow e^+ \mu^-$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 754, 167-175	4.2	14
483	Amplitude Analysis of $B^{\pm} \rightarrow \rho^{\pm} K^+ K^-$ Decays. <i>Physical Review Letters</i> , 2019 , 123, 231802	7.4	14
482	Model-Independent Observation of Exotic Contributions to $B^0 \rightarrow J/\psi K^+ K^-$ Decays. <i>Physical Review Letters</i> , 2019 , 122, 152002	7.4	13
481	Study of the rare $B_{s,d}$ and B^0 decays into the $\eta \eta'$ final state. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015 , 743, 46-55	4.2	13
480	Study of CP asymmetry in B^0 - \bar{B}^0 mixing with inclusive dilepton events. <i>Physical Review Letters</i> , 2015 , 114, 081801	7.4	13

479	Search for excited B + c states. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	13
478	Studies of the resonance structure in $D_0 \rightarrow KS_0K_0^0$ decays. <i>Physical Review D</i> , 2016 , 93,	4.9	13
477	First evidence for the annihilation decay mode $\{B^+\} \rightarrow D_s^+ \phi$. <i>Journal of High Energy Physics</i> , 2013 , 2013,	5.4	13
476	A study of the Z production cross-section in pp collisions at $(\sqrt{s}=7, \text{TeV})$ using tau final states. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	13
475	Observation of the decay $B_{s0} \rightarrow D_0^0$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 727, 403-411	4.2	13
474	Observation of $B_{c^+} \rightarrow D^0 K^+$ Decays. <i>Physical Review Letters</i> , 2017 , 118, 111803	7.4	13
473	Measurement of the $e^+e^- \rightarrow \mu^+\mu^-$ cross section using initial-state radiation at BABAR. <i>Physical Review D</i> , 2017 , 96,	4.9	13
472	Resonances and CP violation in B_0 s and $(\overline{B})_s^0 \rightarrow J/\psi \{K^+\} \{K^-\}$ decays in the mass region above the $\psi(1020)$. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	13
471	Study of CP violation in $B^? \rightarrow Dh^?$ ($h=K, \eta$) with the modes $D \rightarrow K^? \eta$, $D \rightarrow \eta$ and $D \rightarrow K+K$. <i>Physical Review D</i> , 2015 , 91,	4.9	13
470	Collins asymmetries in inclusive charged KK and $K\eta$ pairs produced in e^+e^- annihilation. <i>Physical Review D</i> , 2015 , 92,	4.9	13
469	Measurement of the inelastic pp cross-section at a centre-of-mass energy of $(\sqrt{s}) = 7$ TeV. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	13
468	Measurement of CP violation and constraints on the CKM angle $\sin \beta$ with $D \rightarrow KS_0^0$ decays. <i>Nuclear Physics B</i> , 2014 , 888, 169-193	2.8	13
467	Measurement of CP violation in $B_{s0} \rightarrow \eta\eta$ decays. <i>Physical Review D</i> , 2014 , 90,	4.9	13
466	Measurement of the polarization amplitudes and triple product asymmetries in the $B \rightarrow \eta\eta$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 713, 369-377	4.2	13
465	Branching fraction measurement of $B^+ \rightarrow \eta\eta$ decays. <i>Physical Review D</i> , 2013 , 87,	4.9	13
464	Measurement of branching fractions of B decays to $K_1(1270)$ and $K_1(1400)$ and determination of the CKM angle β from $B_0 \rightarrow a_1(1260)\eta$. <i>Physical Review D</i> , 2010 , 81,	4.9	13
463	Searches for the baryon- and lepton-number violating decays $B_0 \rightarrow \eta + \{B\} B^?$ and $B^? \rightarrow \eta \{B\}$. <i>Physical Review D</i> , 2011 , 83,	4.9	13
462	Observation of the rare decay $B^+ \rightarrow K^+ \eta\eta$ and measurement of the quasi-two-body contributions $B^+ \rightarrow K^*(892)^+ \eta$, $B^+ \rightarrow f_0(980) K^+$, and $B^+ \rightarrow \eta_0 K^+$. <i>Physical Review D</i> , 2011 , 84,	4.9	13

461	Improved limits on B_0 decays to invisible (χ) final states. <i>Physical Review D</i> , 2012 , 86,	4.9	13
460	Measurement of the spin of the $\Upsilon(1530)$ resonance. <i>Physical Review D</i> , 2008 , 78,	4.9	13
459	Search for $B_0 \rightarrow \chi(K^+)$ decays with large K^+ invariant mass. <i>Physical Review D</i> , 2007 , 76,	4.9	13
458	Measurement of branching fractions and resonance contributions for $B_0 \rightarrow D_0 K^+ \pi^-$ and search for $B_0 \rightarrow D_0 K^+ \pi^-$ decays. <i>Physical Review Letters</i> , 2006 , 96, 011803	7.4	13
457	Study of the $B \rightarrow 3h$ decay. <i>Physical Review D</i> , 2005 , 72,	4.9	13
456	Measurement of the ratio $B(B \rightarrow D^* K^+ \pi^-) / B(B \rightarrow D^* K^+)$ and of the CP asymmetry of $B \rightarrow DCP^+ K^+ \pi^-$ decays. <i>Physical Review D</i> , 2005 , 71,	4.9	13
455	Measurement of time-dependent CP-violating asymmetries in $B_0 \rightarrow K^* K^0 \gamma (K^* \rightarrow K(0) \pi^0)$ decays. <i>Physical Review Letters</i> , 2004 , 93, 201801	7.4	13
454	Performances of RPCs in the BaBar experiment. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2003 , 515, 322-327 ^{1.2}		13
453	Measurement of time-dependent CP asymmetries and the CP-odd fraction in the decay $B_0 \rightarrow D^{(*)} D^{(*)}$. <i>Physical Review Letters</i> , 2003 , 91, 131801	7.4	13
452	Evidence for $B^+ \rightarrow J/\psi \pi^+ \Lambda_b^0$; and search for $B_0 \rightarrow J/\psi \pi^0 p$. <i>Physical Review Letters</i> , 2003 , 90, 231801	7.4	13
451	Measurement of D_s^+ and D_s^{*+} production in B meson decays and from continuum e^+e^- annihilation at $\sqrt{s}=10.6$ GeV. <i>Physical Review D</i> , 2002 , 65,	4.9	13
450	Search for the doubly charmed baryon (Ξ_{cc}^{++}) . <i>Science China: Physics, Mechanics and Astronomy</i> , 2020 , 63, 1	3.6	13
449	Measurement of the forward Z boson production cross-section in pp collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	13
448	First study of the CP-violating phase and decay-width difference in $B_s^0 \rightarrow \rho^0 \pi^0$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 762, 253-262	4.2	13
447	Search for the Lepton-Flavor-Violating Decays $B_{s,u} \rightarrow \mu^+ \mu^- \nu$ and $B^0 \rightarrow \mu^+ \mu^- \nu$. <i>Physical Review Letters</i> , 2019 , 123, 211801	7.4	13
446	Central exclusive production of J/ψ and ρ^0 mesons in pp collisions at $\sqrt{s} = 13$ TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018,	5.4	13
445	Measurement of CP asymmetries in two-body $B(s)0$ -meson decays to charged pions and kaons. <i>Physical Review D</i> , 2018 , 98,	4.9	13
444	Measurement of B^+ , B_0 and \bar{B}_0 production in pPb collisions at $\sqrt{s_{NN}}=8.16$ TeV. <i>Physical Review D</i> , 2019 , 99,	4.9	12

443	Test of lepton universality with $(\Lambda_b^0 \rightarrow p K^{\pm} \ell^{\mp} \ell^{\pm})$ decays. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	12
442	Cross sections for the reactions $e^+e^- \rightarrow K_S^0 K_L^0$, $K_S^0 K_L^0 \gamma$ and $K_S^0 K_L^0 \pi^0$ from events with initial-state radiation. <i>Physical Review D</i> , 2017 , 95,	4.9	12
441	Measurement of CP violation parameters and polarisation fractions in $(B_{\text{tag}}^{\pm} \rightarrow \text{J}/\psi \overline{K}^{\pm})$ decays. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	12
440	Observation of the decay $B^0 \rightarrow (\psi) K^+ \pi^-$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015 , 747, 484-494	4.2	12
439	Measurement of the $B_s(0) \rightarrow D_s^- D_s^+$ and $B_s(0) \rightarrow D^- D_s^+$ effective lifetimes. <i>Physical Review Letters</i> , 2014 , 112, 111802	7.4	12
438	A study of CP violation in $B_{\text{tag}}^{\pm} \rightarrow D K_{\text{tag}}^{\pm}$ and $B_{\text{tag}}^{\pm} \rightarrow D \pi_{\text{tag}}^{\pm}$ decays with $D \rightarrow K_S^0 K_{\text{tag}}^{\pm}$ final states. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 733, 36-45	4.2	12
437	Measurement of the ratio of branching fractions $B(B^0 \rightarrow K^* K^0)/B(B^0 \rightarrow \pi^+ \pi^-)$. <i>Physical Review D</i> , 2012 , 85,	4.9	12
436	Measurement of the α_s . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 713, 172-179	4.2	12
435	Measurement of V_{cb} production ratios in pp collisions at $(\sqrt{s} = 0.9)$ and 7 TeV. <i>Journal of High Energy Physics</i> , 2011 , 2011, 1	5.4	12
434	Study of radiative bottomonium transitions using converted photons. <i>Physical Review D</i> , 2011 , 84,	4.9	12
433	Search for the decay $B^+ \rightarrow K_S^0 K_S^0 \pi^+$. <i>Physical Review D</i> , 2009 , 79,	4.9	12
432	Study of $(B_S, 2S) \rightarrow (\pi^+ \pi^-)$ and $(B_S, 2S) \rightarrow \pi^0 (\pi^+ \pi^-)$ hadronic transitions. <i>Physical Review D</i> , 2011 , 84,	4.9	12
431	Search for CP violation using T-odd correlations in $D^+ \rightarrow K^+ K_S^0 \pi^0$ and $D_s^+ \rightarrow K^+ K_S^0 \pi^0$ decays. <i>Physical Review D</i> , 2011 , 84,	4.9	12
430	Search for the highly suppressed decays $B_{\text{tag}}^{\pm} \rightarrow K^+ \pi^-$ and $B_{\text{tag}}^{\pm} \rightarrow K^{\pm} \pi^{\mp}$. <i>Physical Review D</i> , 2008 , 78,	4.9	12
429	Precision measurements of the total and partial widths of the (ψ) charmonium meson with a new complementary-scan technique in $p\bar{p}$ annihilations. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2007 , 654, 74-79	4.2	12
428	Evidence for charged B meson decays to $a_1^{\pm} (1260) \pi^0$ and $a_1(0)(1260) \pi^{\pm}$. <i>Physical Review Letters</i> , 2007 , 99, 261801	7.4	12
427	Search for the Decay $B^+ \rightarrow K^+ \tau^+ \mu^-$. <i>Physical Review Letters</i> , 2007 , 99, 201801	7.4	12
426	Measurement of the $B^0 \rightarrow D^{*+} \pi^-$ decay rate and $ V_{cb} $. <i>Physical Review D</i> , 2005 , 71,	4.9	12

425	Study of the decay $B^0 \rightarrow D^{*+} \pi^-$. <i>Physical Review D</i> , 2006 , 74,	4.9	12
424	Searches for B^0 decays to K^0 , $\pi^0 \pi^0$, η , and η' . <i>Physical Review D</i> , 2006 , 74,	4.9	12
423	Branching fraction limits for B^0 decays to $\pi^0 \pi^0$ and η . <i>Physical Review D</i> , 2006 , 73,	4.9	12
422	Search for the decay $B^+ \rightarrow \pi^+ \pi^0$. <i>Physical Review D</i> , 2006 , 73,	4.9	12
421	Search for the decay $B^0 \rightarrow a_1 \pi^0$. <i>Physical Review D</i> , 2006 , 74,	4.9	12
420	Measurement of CP observables for the decays $B^{\pm} \rightarrow DCP^0 K^{\pm}$. <i>Physical Review D</i> , 2006 , 73,	4.9	12
419	Measurement of time-dependent CP asymmetries in $B^0 \rightarrow D^{(*)+} \pi^-$ decays and constraints on $\sin(2\beta + \gamma)$. <i>Physical Review Letters</i> , 2004 , 92, 251801	7.4	12
418	Measurements of branching fractions and CP-violating asymmetries in B meson decays to charmless two-body states containing a $K(0)$. <i>Physical Review Letters</i> , 2004 , 92, 201802	7.4	12
417	Measurement of time-dependent CP asymmetries and constraints on $\sin(2\beta + \gamma)$ with partial reconstruction of $B^0 \rightarrow D^{*+} \pi^-$ decays. <i>Physical Review Letters</i> , 2004 , 92, 251802	7.4	12
416	Measurement of the resonance parameters of the charmonium ground state, $\psi(11S0)$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2003 , 566, 45-50	4.2	12
415	Measurement of the branching fraction of $\Gamma(4S) \rightarrow B^0 B^0$. <i>Physical Review Letters</i> , 2005 , 95, 042001	7.4	12
414	Branching fraction and CP asymmetries of $B^0 \rightarrow K^0(S) K^0(S) K^0(S)$. <i>Physical Review Letters</i> , 2005 , 95, 011801	7.4	12
413	Search for decays of $B^0 \rightarrow e^+ e^-$, $B^0 \rightarrow \mu^+ \mu^-$, $B^0 \rightarrow e^+ \mu^-$. <i>Physical Review Letters</i> , 2005 , 94, 221803	7.4	12
412	On the Particle Data Group evaluation of \bar{B} and B branching ratios. <i>Physical Review D</i> , 2001 , 64,	4.9	12
411	Observation of the $B^0 \rightarrow \eta$ decay. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 759, 282-292	4.2	12
410	Measurement of the spectral function for the $B \rightarrow K^* S$ decay. <i>Physical Review D</i> , 2018 , 98,	4.9	12
409	Measurement of the inelastic pp cross-section at a centre-of-mass energy of 13 TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	12
408	Measurement of the Λ_c^0 Baryon Lifetime. <i>Physical Review Letters</i> , 2018 , 121, 092003	7.4	12

407	Measurement of CP asymmetry in $D^0 \rightarrow K\bar{K}^+$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017 , 767, 177-187	4.2	11
406	Precision measurement of the $(\chi^2_{\text{cc}})^{++}$ mass. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	11
405	Differential branching fraction and angular moments analysis of the decay $B^0 \rightarrow K^+ \pi^- \pi^0$ in the $K^*_{0,2}(1430)^0$ region. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	11
404	Model-independent measurement of mixing parameters in $D^0 \rightarrow \bar{K}^0 S^0$ decays. <i>Journal of High Energy Physics</i> , 2016 , 2016,	5.4	11
403	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> , 2013 , 721, 24-31	4.2	11
402	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> , 2017 , 118, 261803	7.4	11
401	Measurement of the branching fraction ratio $B(B_{c^+} \rightarrow \psi(2S) \pi^+)/B(B_{c^+} \rightarrow J/\psi)$. <i>Physical Review D</i> , 2015 , 92,	4.9	11
400	Measurement of the time-integrated CP asymmetry in $D^0 \rightarrow K^0 S^0 K^0 S^0$ decays. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	11
399	Measurement of CP violation parameters in $B^0 \rightarrow DK^0$ decays. <i>Physical Review D</i> , 2014 , 90,	4.9	11
398	Measurement of the semileptonic branching fraction of the B_s meson. <i>Physical Review D</i> , 2012 , 85,	4.9	11
397	Measurement of the CP asymmetry in $B^+ \rightarrow K^+ \pi^+ \pi^-$ decays. <i>Physical Review Letters</i> , 2013 , 111, 151801	7.4	11
396	Studies of the decays $B^+ \rightarrow \rho^+ \pi^+$ and observation of $B^+ \rightarrow \rho(1520)^+ \pi^+$. <i>Physical Review D</i> , 2013 , 88,	4.9	11
395	Measurement of CP-violating asymmetries in $B^0 \rightarrow \pi^0 \pi^0$ decays using a time-dependent Dalitz plot analysis. <i>Physical Review D</i> , 2013 , 88,	4.9	11
394	Search for $b \rightarrow u$ transitions in $B^0 \rightarrow [K^* \pi^0] DK^0$ decays. <i>Physical Review D</i> , 2011 , 84,	4.9	11
393	Branching fraction measurements of the color-suppressed decays $B^0 \rightarrow D^{(*)} \pi^0$, $D^{(*)} \pi^0 \pi^0$ and $D^{(*)} \pi^0 \pi^+$ and measurement of the polarization in the decay $B^0 \rightarrow D^{*0} \pi^0$. <i>Physical Review D</i> , 2011 , 84,	4.9	11
392	Measurement of the branching fraction and π^0 polarization in $B^0 \rightarrow \pi^+ \pi^- \pi^0$. <i>Physical Review D</i> , 2009 , 79,	4.9	11
391	Search for $B \rightarrow K^* \pi$ decays. <i>Physical Review D</i> , 2008 , 78,	4.9	11
390	Measurement of the branching fractions of the radiative charm decays $D^0 \rightarrow K^* \pi^0 \gamma$ and $D^0 \rightarrow \pi^0 \gamma$. <i>Physical Review D</i> , 2008 , 78,	4.9	11

389	Measurements of the branching fractions of $B^0 \rightarrow K^*0K^+K^-$, $B^0 \rightarrow K^*0\pi^+K^-$, $B^0 \rightarrow K^*0K^+\pi^-$ and $B^0 \rightarrow K^*0\pi^+\pi^-$. <i>Physical Review D</i> , 2007 , 76,	4.9	11
388	Measurement of the $B^0 \rightarrow \pi^+\pi^-$ branching fraction and direct CP asymmetry. <i>Physical Review D</i> , 2007 , 75,	4.9	11
387	Branching fraction and charge asymmetry measurements in $B \rightarrow J/\psi$ decays. <i>Physical Review D</i> , 2007 , 76,	4.9	11
386	Evidence for $B(0) \rightarrow \rho(0)\rho(0)$ decays and implications for the Cabibbo-Kobayashi-Maskawa angle α . <i>Physical Review Letters</i> , 2007 , 98, 111801	7.4	11
385	Measurement of the branching fraction for $B^0 \rightarrow \pi^0 K^0$. <i>Physical Review D</i> , 2004 , 69,	4.9	11
384	Searches for B^0 decays to combinations of two charmless isoscalar mesons. <i>Physical Review Letters</i> , 2004 , 93, 181806	7.4	11
383	Measurement of the $B^0 \rightarrow J/\psi \pi^+\pi^-$ branching fraction. <i>Physical Review Letters</i> , 2003 , 90, 091801	7.4	11
382	Interference study of the $\chi_{c0}(13P0)$ in the reaction $pp \rightarrow \pi^0 \pi^0$. <i>Physical Review Letters</i> , 2003 , 91, 091801	7.4	11
381	Search for radiative penguin decays $B^+ \rightarrow \rho^+ \gamma$, $B^0 \rightarrow \rho^0 \gamma$, and $B^0 \rightarrow \omega \gamma$. <i>Physical Review Letters</i> , 2005 , 94, 011801	7.4	11
380	Search for factorization-suppressed $B \rightarrow \chi(c)K^*$ decays. <i>Physical Review Letters</i> , 2005 , 94, 171801	7.4	11
379	Measurement of the $B^0 \rightarrow \pi^0$ transition form factor. <i>Physical Review D</i> , 2018 , 98,	4.9	11
378	Studies of the resonance structure in decays. <i>European Physical Journal C</i> , 2018 , 78, 443	4.2	11
377	Updated determination of $D^0\bar{D}^0$ mixing and CP violation parameters with $D^0 \rightarrow K^+\pi^-$ decays. <i>Physical Review D</i> , 2018 , 97,	4.9	11
376	Study of charmonium production in π -hadron decays and first evidence for the decay. <i>European Physical Journal C</i> , 2017 , 77, 609	4.2	10
375	Observation of New χ_{c0} Baryons Decaying to $\chi_{c0}^+ K^-$. <i>Physical Review Letters</i> , 2020 , 124, 222001	7.4	10
374	Measurement of CP observables in $B^0 \rightarrow D^*(?)K^0$ and $B^0 \rightarrow D^*(?)\pi^0$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018 , 777, 16-30	4.2	10
373	Time-dependent analysis of $B^0 \rightarrow K_S^0 \pi^0$ decays and studies of the $K \rightarrow \pi$ system in $B^+ \rightarrow K^+ \pi^0$ decays. <i>Physical Review D</i> , 2016 , 93,	4.9	10
372	Study of $\chi(2S)$ production and cold nuclear matter effects in pPb collisions at $(\sqrt{s_{NN}}=5)$ TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	10

371	First observation of the decay $D^0 \rightarrow K_S^0 \pi^+ \pi^-$ in the $\pi\pi$ region of the dimuon mass spectrum. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 757, 558-567	4.2	10
370	Measurement of the B^0 and B^+ baryon lifetimes. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 736, 154-162	4.2	10
369	Measurement of the charge asymmetry in B^0 . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 728, 85-94	4.2	10
368	Search for the rare decay ($K_S^0 \rightarrow \mu^+ \mu^-$). <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	10
367	Measurement of the effective β . <i>Nuclear Physics B</i> , 2013 , 873, 275-292	2.8	10
366	Measurement of B_{s^0} and D_{s^0} Meson Lifetimes. <i>Physical Review Letters</i> , 2017 , 119, 101801	7.4	10
365	Observation of the suppressed decay $B^0 \rightarrow \rho^+ \pi^-$. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	10
364	Measurement of B^0 , B_s^0 , B^+ and B^0 production asymmetries in 7 and 8 TeV proton-proton collisions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017 , 774, 139-158	4.2	10
363	First Observation of a Baryonic B_{s^0} Decay. <i>Physical Review Letters</i> , 2017 , 119, 041802	7.4	10
362	First Observation of CP Violation in $B^0 \rightarrow D_{CP}^{(*)} h^0$ Decays by a Combined Time-Dependent Analysis of BABAR and Belle Data. <i>Physical Review Letters</i> , 2015 , 115, 121604	7.4	10
361	Search for the decay ($B_s^0 \rightarrow \overline{D}^0 F_0(980)$). <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	10
360	Measurement of the B_{s^0} meson lifetime in $D_s^+ \rightarrow B_{s^0} \mu^+$ decays. <i>Physical Review Letters</i> , 2014 , 113, 172001	7.4	10
359	Observation of charmonium pairs produced exclusively in pp collisions. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2014 , 41, 115002	2.9	10
358	Measurement of CP asymmetry in $B^0 \rightarrow D^+ K^-$ decays. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	10
357	Measurement of the effective β . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 716, 393-400	4.2	10
356	Publisher's Note: Search for di-muon decays of a low-mass Higgs boson in radiative decays of the $\Upsilon(1S)$ [Phys. Rev. D 87, 031102(R) (2013)]. <i>Physical Review D</i> , 2013 , 87,	4.9	10
355	Measurement of the mass and width of the $D_{s1}(2536)^+$ meson. <i>Physical Review D</i> , 2011 , 83,	4.9	10
354	Improved limits on lepton-flavor-violating tau decays to $l\phi$, $l\rho$, lK , and $l\bar{K}$. <i>Physical Review Letters</i> , 2009 , 103, 021801	7.4	10

353	Constraints on the CKM angle β in $B^0 \rightarrow D^0 K^*0$ and $B^0 \rightarrow D^0 K^*0$ from a Dalitz analysis of D^0 and D^0 decays to KS^0 . <i>Physical Review D</i> , 2009 , 79,	4.9	10
352	Measurement of the branching fractions of the rare decays $B^0 \rightarrow Ds^{(*)+} \pi^-$, $B^0 \rightarrow Ds^{(*)+} \rho^-$ and $B^0 \rightarrow Ds^{(*)+} \omega^-$. <i>Physical Review D</i> , 2008 , 78,	4.9	10
351	Improved measurement of CP observables in $B^{\pm} \rightarrow DCP^0 K^{\pm}$ decays. <i>Physical Review D</i> , 2008 , 77,	4.9	10
350	Observation of $e^+e^- \rightarrow \mu^+\mu^-$ near $s=10.58$ GeV. <i>Physical Review D</i> , 2008 , 78,	4.9	10
349	Observation of $B^+ \rightarrow b_1^+ K^0$ and search for B-meson decays to $b_1^0 K^0$ and b_1^0 . <i>Physical Review D</i> , 2008 , 78,	4.9	10
348	Search for neutral B-meson decays to $a_0^0 \pi^0 K^0$, ρ^0 , and ω^0 . <i>Physical Review D</i> , 2007 , 75,	4.9	10
347	Measurement of CP asymmetry in $B^0 \rightarrow Ks^0 \pi^0$ decays. <i>Physical Review D</i> , 2007 , 76,	4.9	10
346	Measurement of the $D^+ \rightarrow \pi^0$ and $D^+ \rightarrow K^0$ branching fractions. <i>Physical Review D</i> , 2006 , 74,	4.9	10
345	Branching fraction measurements of charged B decays to K^*+K+K^0 , $K^*+\pi^0 K^0$, $K^*+K+\pi^0$ and $K^*+\rho^0$ final states. <i>Physical Review D</i> , 2006 , 74,	4.9	10
344	Measurements of the branching fraction and time-dependent CP asymmetries of $B^0 \rightarrow J/\psi$ decays. <i>Physical Review D</i> , 2006 , 74,	4.9	10
343	Measurements of CP-violating asymmetries and branching fractions in B decays to ρ^0 and π^0 . <i>Physical Review D</i> , 2006 , 74,	4.9	10
342	Measurement of branching fractions in radiative B decays to $\rho^0 \pi^0$ and search for B decays to $\rho^0 K^0$. <i>Physical Review D</i> , 2006 , 74,	4.9	10
341	Search for B^0 decays to invisible final states and to n photons. <i>Physical Review Letters</i> , 2004 , 93, 091802,	7.4	10
340	Measurement of the branching fractions and CP asymmetry of $B^0 \rightarrow D(0) \pi^0$ decays with the BABAR detector. <i>Physical Review Letters</i> , 2004 , 92, 202002	7.4	10
339	Simultaneous measurement of the B^0 meson lifetime and mixing frequency with $B^0 \rightarrow D^* \pi^0$ decays. <i>Physical Review D</i> , 2003 , 67,	4.9	10
338	Study of CP-violating asymmetries in $B^0 \rightarrow \pi^0 K^+ \pi^-$ decays. <i>Physical Review D</i> , 2002 , 65,	4.9	10
337	Measurement of the $B(0)$ lifetime with partially reconstructed $B(0) \rightarrow D(-)l(+)\nu(l)$ decays. <i>Physical Review Letters</i> , 2002 , 89, 011802	7.4	10
336	Measurement of the branching ratios $B^0 \rightarrow e^+e^- \pi^0$ and $B^0 \rightarrow J/\psi \pi^0$. <i>Physical Review D</i> , 2000 , 62,	4.9	10

335	Searches for low-mass dimuon resonances. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	10
334	A new algorithm for identifying the flavour of B_0 mesons at LHCb. <i>Journal of Instrumentation</i> , 2016 , 11, P05010-P05010	1	10
333	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> , 2016 , 759, 313-321	4.2	10
332	Prompt \bar{c} production in pPb collisions at $(\sqrt{s_{\text{NN}}}=5.02)$ TeV. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	10
331	Measurement of the mass and production rate of B baryons. <i>Physical Review D</i> , 2019 , 99,	4.9	9
330	Determination of Γ and \mathcal{B} from charmless two-body decays of beauty mesons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015 , 741, 1-11	4.2	9
329	A measurement of the CP asymmetry difference between $\bar{c}^+ \rightarrow pK^+$ and $p\bar{c}$ decays. <i>Journal of High Energy Physics</i> , 2018 , 2018,	5.4	9
328	Effective lifetime measurements in the $B_s^0 \rightarrow K^+K^-B^0 \rightarrow K^+\pi^-$ and $B_s^0 \rightarrow \pi^+K^-$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 736, 446-454	4.2	9
327	Branching fraction and CP asymmetry of the decays $B^+ \rightarrow KS^0\pi^+$ and $B^+ \rightarrow KS^0K^+$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 726, 646-655	4.2	9
326	Measurement of the inclusive electron spectrum from B meson decays and determination of $ V_{ub} $. <i>Physical Review D</i> , 2017 , 95,	4.9	9
325	Measurement of the time-dependent CP asymmetries in $B_s^0 \rightarrow J/\psi S^0$. <i>Journal of High Energy Physics</i> , 2015 , 2015,	5.4	9
324	Observation of the $B^0 \rightarrow \pi\pi$ decay from an amplitude analysis of $B^0 \rightarrow (\pi^+\pi^-\pi^0)$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015 , 747, 468-478	4.2	9
323	Measurements of direct CP asymmetries in $B \rightarrow Xs\pi$ decays using sum of exclusive decays. <i>Physical Review D</i> , 2014 , 90,	4.9	9
322	Antideuteron production in $\pi^0(nS)$ decays and in $e^+e^- \rightarrow q\bar{q}$ at $s=0.58$ GeV. <i>Physical Review D</i> , 2014 , 89,	4.9	9
321	Study of $B^0 \rightarrow D^*\pi^0$ and $B^0 \rightarrow D^*K^0$ decays. <i>Physical Review D</i> , 2013 , 87,	4.9	9
320	Search for CP violation in the decays $D^{\pm} \rightarrow KS^0K^{\pm}$, $D_s^{\pm} \rightarrow KS^0K^{\pm}$, and $D_s^{\pm} \rightarrow KS^0\pi^{\pm}$. <i>Physical Review D</i> , 2013 , 87,	4.9	9
319	B-meson decays to $\pi^+\pi^0$, and π^0K^* . <i>Physical Review D</i> , 2010 , 82,	4.9	9
318	Search for second-class currents in $\tau_{\mu^+} \rightarrow \omega\pi^+\nu_{\tau}$. <i>Physical Review Letters</i> , 2009 , 103, 041802	7.4	9

317	Measurement of the $B^+ \rightarrow D^+ D^0$ and $B^+ \rightarrow D^+ D^+$ branching fractions. <i>Physical Review D</i> , 2009 , 79,	4.9	9
316	Search for Lepton Flavor Violating Decays $B \rightarrow \ell \bar{\ell} s^0$ with the BABAR Experiment. <i>Physical Review D</i> , 2009 , 79,	4.9	9
315	First observation of the decays $B^0(s) \rightarrow D_s + K^0$ and $B^0 \rightarrow D_s(2536) + \pi^0$ <i>Physical Review D</i> , 2012 , 86,	4.9	9
314	Measurement of the CP-violating asymmetries in $B^0 \rightarrow K_s^0 \pi^0$ and of the branching fraction $B^0 \rightarrow K^0 \pi^0$. <i>Physical Review D</i> , 2008 , 77,	4.9	9
313	Measurements of branching fractions for $B^+ \rightarrow \mu^+ B^0$ and $B^0 \rightarrow \mu^+ \pi^-$ <i>Physical Review D</i> , 2008 , 78,	4.9	9
312	Observation of $B^+ \rightarrow \mu^+ \pi^0$ and search for B^0 decays to $\mu^+ \pi^-$, μ^0 , and π^0 . <i>Physical Review D</i> , 2008 , 78,	4.9	9
311	Measurement of the CP asymmetry in $b \rightarrow s \gamma$ using a sum of exclusive final states. <i>Physical Review Letters</i> , 2008 , 101, 171804	7.4	9
310	Search for the decay $B^+ \rightarrow K^+ \pi^0(892) K^+$. <i>Physical Review D</i> , 2007 , 76,	4.9	9
309	Measurement of the relative branching fractions of $B^0 \rightarrow D^+ D^{*-} D^{*0} \pi^-$ decays in events with a fully reconstructed B meson. <i>Physical Review D</i> , 2007 , 76,	4.9	9
308	Branching fraction measurement of $B^0 \rightarrow D^{*+} \pi^-$ and $B^0 \rightarrow D^{*0} \pi^0$ and isospin analysis of $B^0 \rightarrow D^{*+} \pi^-$ decays. <i>Physical Review D</i> , 2007 , 75,	4.9	9
307	Study of inclusive B^0 and B^+ decays to flavor-tagged D, Ds, and \bar{B}^+ . <i>Physical Review D</i> , 2007 , 75,	4.9	9
306	Observation of decays $B^0 \rightarrow D_s^{*+} \pi^-$ and $B^0 \rightarrow D_s^{*0} \pi^0$. <i>Physical Review Letters</i> , 2007 , 98, 081801	7.4	9
305	Search for the decay $B^0 \rightarrow 4 \pi^0(0)$ <i>Physical Review D</i> , 2005 , 72,	4.9	9
304	Measurement of the branching fractions for inclusive B^0 and B^+ decays to flavor-tagged D, Ds, and \bar{B}^+ . <i>Physical Review D</i> , 2004 , 70,	4.9	9
303	Branching fraction measurements of $B \rightarrow \bar{B} K$ decays. <i>Physical Review D</i> , 2004 , 70,	4.9	9
302	Search for the decay $B^0 \rightarrow J/\psi \pi^0$ <i>Physical Review D</i> , 2004 , 70,	4.9	9
301	Study of time-dependent CP asymmetry in neutral B decays to $J/\psi \pi^0$. <i>Physical Review Letters</i> , 2003 , 91, 061802	7.4	9
300	Production and decay of $\chi(c)(0)$ at BABAR. <i>Physical Review Letters</i> , 2005 , 95, 142003	7.4	9

299	Observation of the radiative decay $J/\psi \rightarrow e^+e^- \gamma$. <i>Physical Review D</i> , 1996 , 54, 7067-7070	4.9	9
298	Measurement of the $(\eta_c(1S))$ production cross-section in $(p)(p)$ collisions at $(\sqrt{s} = 13)$ (, text {TeV}). <i>European Physical Journal C</i> , 2020 , 80, 1	4.2	9
297	Search for CP violation in $B^0 \rightarrow pK$ and $B^0 \rightarrow p\bar{K}$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018 , 787, 124-133	4.2	9
296	Search for the rare decay $B^+ \rightarrow p\pi^0$ <i>Physical Review D</i> , 2018 , 97,	4.9	9
295	Search for the suppressed decays $B^+ \rightarrow K^+K^0$ and $B^+ \rightarrow \pi^+K^0$ <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017 , 765, 307-316	4.2	8
294	Observation of $B_c^+ \rightarrow J/\psi K^*$ decays. <i>Physical Review D</i> , 2017 , 95,	4.9	8
293	Measurements of charm mixing and CP violation using $D^0 \rightarrow K\pi$ decays. <i>Physical Review D</i> , 2017 , 95,	4.9	8
292	Extraction of form Factors from a Four-Dimensional Angular Analysis of $B \rightarrow D^* \pi$ <i>Physical Review Letters</i> , 2019 , 123, 091801	7.4	8
291	Search for the rare decay $(B^+ \rightarrow \mu^+ \mu^- \mu^+ \nu_\mu)$. <i>European Physical Journal C</i> , 2019 , 79, 1	4.2	8
290	Measurement of the Charm-Mixing Parameter y_{CP} . <i>Physical Review Letters</i> , 2019 , 122, 011802	7.4	8
289	Measurement of the branching fractions of the radiative leptonic B decays $B \rightarrow e\pi$ and $B \rightarrow \pi$ at BABAR. <i>Physical Review D</i> , 2015 , 91,	4.9	8
288	Study of π mixing from measurement of $B(s) \rightarrow J/\psi$ decay rates. <i>Journal of High Energy Physics</i> , 2015 , 2015,	5.4	8
287	Observation of $B \rightarrow D^* \pi^+ \pi^- \pi^0$ decays in e^+e^- collisions at the $\psi(4S)$ resonance. <i>Physical Review Letters</i> , 2016 , 116, 041801	7.4	8
286	Measurement of branching fractions of charmless four-body B^0 and B^+ decays. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	8
285	Evidence for the Rare Decay $B^+ \rightarrow p\pi^+\pi^-$. <i>Physical Review Letters</i> , 2018 , 120, 221803	7.4	8
284	Measurement of polarization amplitudes and CP asymmetries in $B^0 \rightarrow \rho^+ K^{*0}$. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	8
283	Search for the decay $B^0 \rightarrow \rho^+ \pi^-$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 728, 234-243	4.2	8
282	Observation of $B^0 \rightarrow \rho^+ \pi^-$. <i>Nuclear Physics B</i> , 2013 , 874, 663-678	2.8	8

281	χ_{c1} and χ_{c2} Resonance Parameters with the Decays $\chi_{c1,c2} \rightarrow J/\psi \eta'$. <i>Physical Review Letters</i> , 2017 , 119, 221801	7.4	8
280	Measurement of the B_{μ} production cross-section in pp collisions at $s = 7 \sqrt{s} = 7$ and 13 TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017,	5.4	8
279	Measurement of the B_0 $\rightarrow \eta'$ branching fraction and search for the decay $B_0 \rightarrow \eta'$. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	8
278	Search for long-lived heavy charged particles using a ring imaging Cherenkov technique at LHCb. <i>European Physical Journal C</i> , 2015 , 75, 595	4.2	8
277	Search for CP violation in $D_{\mu} \rightarrow K_0 S K_{\mu}$ and $D_{\mu} s \rightarrow K_0 S \mu$ decays. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	8
276	Measurement of the $B \rightarrow \eta'$ branching fraction with semileptonically tagged B mesons. <i>Physical Review D</i> , 2013 , 88,	4.9	8
275	Search for the rare decays $B \rightarrow \eta'$ and $B_0 \rightarrow \eta'$. <i>Physical Review D</i> , 2013 , 88,	4.9	8
274	Study of dipion bottomonium transitions and search for the $hb(1P)$ state. <i>Physical Review D</i> , 2011 , 84,	4.9	8
273	First observation of the decays $B(0) \rightarrow D(+)\bar{K}(-)\eta(\eta')$ and $B(-) \rightarrow D(0)\bar{K}(-)\eta(\eta')$. <i>Physical Review Letters</i> , 2012 , 108, 161801	7.4	8
272	Branching fraction of $B \rightarrow \eta' K_0$ decays. <i>Physical Review D</i> , 2012 , 86,	4.9	8
271	Search for resonances decaying to $\eta\eta'$ in two-photon interactions. <i>Physical Review D</i> , 2012 , 86,	4.9	8
270	Measurement of CP violation observables and parameters for the decays $B_{\mu} \rightarrow DK^* \eta$. <i>Physical Review D</i> , 2009 , 80,	4.9	8
269	Measurement of the absolute branching fraction of $D_0 \rightarrow K \pi^+$. <i>Physical Review Letters</i> , 2008 , 100, 051802	7.4	8
268	Searches for B meson decays to $\phi\phi$, $\phi\eta$, $\phi\eta'$, $\phi f_0(980)$, and $f_0(980)f_0(980)$ final states. <i>Physical Review Letters</i> , 2008 , 101, 201801	7.4	8
267	Search for the reactions $e^+e^- \rightarrow \eta'$ and $e^+e^- \rightarrow \eta'$. <i>Physical Review D</i> , 2007 , 75,	4.9	8
266	Observation of e^+e^- annihilation into the $C = +1$ hadronic final states $\rho(0)\rho(0)$ and $\phi\eta'$. <i>Physical Review Letters</i> , 2006 , 97, 112002	7.4	8
265	Measurement of the absolute branching fractions $B \rightarrow D \eta'$ with a missing mass method. <i>Physical Review D</i> , 2006 , 74,	4.9	8
264	Measurement of the Time-Dependent CP Asymmetry in $B_{\mu} \rightarrow D_{CP} \eta'$ Decays. <i>Physical Review Letters</i> , 2007 , 99, 081801	7.4	8

263	Study of b->c interference in the decay $B \rightarrow [K+D]K^* \pi$ <i>Physical Review D</i> , 2005 , 72,	4.9	8
262	Search for $B \rightarrow J/\psi D$ decays. <i>Physical Review D</i> , 2005 , 71,	4.9	8
261	Measurement of the ratio $B(B^{+ \rightarrow X e})/B(B^0 \rightarrow X e)$ <i>Physical Review D</i> , 2006 , 74,	4.9	8
260	Observation of the exclusive reaction $e+e \rightarrow \tau^+ \tau^-$ at $s=10.58$ GeV. <i>Physical Review D</i> , 2006 , 74,	4.9	8
259	Measurement of the branching fraction and polarization for the decay $B \rightarrow D^* 0 K^*$. <i>Physical Review Letters</i> , 2004 , 92, 141801	7.4	8
258	Evidence for $B^+ \rightarrow K^0 K^+$ and $B^0 \rightarrow K^0 K^0$, and measurement of the branching fraction and search for direct CP violation in $B^+ \rightarrow K^0 \pi^+$. <i>Physical Review Letters</i> , 2005 , 95, 221801	7.4	8
257	Search for the decay $B^0 \rightarrow \gamma \gamma$. <i>Physical Review Letters</i> , 2001 , 87, 241803	7.4	8
256	Search for the lepton flavour violating decay $B^+ \rightarrow K^+ \mu$ using ($B_{s2}^{\text{ast } 0}$) decays. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	8
255	Measurement of forward W and Z boson production in association with jets in proton-proton collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	8
254	Measurement of forward $W \rightarrow e \nu$ production in pp collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	8
253	Search for Lepton-Flavor Violating Decays $B^{\{+ \}} \rightarrow K^{\{+ \}} \mu \pi e^{\{? \}}$. <i>Physical Review Letters</i> , 2019 , 123, 241802	7.4	8
252	Study of τ production in pPb collisions at ($\sqrt{s_{\text{NN}}}=8.16$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	8
251	Measurement of Angular and CP Asymmetries in $D^{\{0 \}} \rightarrow \pi^{\{+ \}} \pi^{\{- \}} \pi^{\{+ \}} \pi^{\{- \}}$ and $D^{\{0 \}} \rightarrow K^{\{+ \}} K^{\{- \}} \pi^{\{+ \}} \pi^{\{- \}}$ Decays. <i>Physical Review Letters</i> , 2018 , 121, 091801	7.4	8
250	Study of the process $e+e \rightarrow \mu \mu$ using initial state radiation. <i>Physical Review D</i> , 2018 , 97,	4.9	8
249	Measurements of the branching fractions of $\tau^+ \rightarrow \rho^+ \mu$, $\tau^+ \rightarrow \rho^+ K^+$, and $\tau^+ \rightarrow \rho^+ \pi^+$. <i>Journal of High Energy Physics</i> , 2018 , 2018,	5.4	8
248	Search for the CP-violating strong decays $B \rightarrow \mu \mu$ and $\eta(958) \rightarrow \mu \mu$ <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017 , 764, 233-240	4.2	7
247	Observation of the Decay $\tau^{\{b \}} \rightarrow \rho K^{\{- \}} K^{\{- \}}$. <i>Physical Review Letters</i> , 2017 , 118, 071801	7.4	7
246	Improved limit on the branching fraction of the rare decay. <i>European Physical Journal C</i> , 2017 , 77, 678	4.2	7

245	Search for a Stable Six-Quark State at BABAR. <i>Physical Review Letters</i> , 2019 , 122, 072002	7.4	7
244	Measurement of the Z+b-jet cross-section in pp collisions at (\sqrt{s}) = 7 TeV in the forward region. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	7
243	Measurement of the neutral D meson mixing parameters in a time-dependent amplitude analysis of the $D^0 \rightarrow \mu^+ \mu^-$ decay. <i>Physical Review D</i> , 2016 , 93,	4.9	7
242	Study of $D^{(*)} + sJ$ mesons decaying to $D^{*} + K^0_S$ and $D^{*0} K^+$ final states. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	7
241	Observation of the $B^0_s \rightarrow J/\psi$ decay. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	7
240	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> , 2018 , 784, 101-111	4.2	7
239	First Observation of the Radiative Decay $\bar{B}^0 \rightarrow \pi^0 \gamma$. <i>Physical Review Letters</i> , 2019 , 123, 031801	7.4	7
238	Updated measurement of time-dependent (CP)-violating observables in ($B^0 \rightarrow J/\psi K^+ K^-$) decays. <i>European Physical Journal C</i> , 2019 , 79, 1	4.2	7
237	Observation of associated production of a Z boson with a D meson in the forward region. <i>Journal of High Energy Physics</i> , 2014 , 2014,	5.4	7
236	First evidence for the two-body charmless baryonic decay $B^0 \rightarrow \bar{p} \pi^+$. <i>Journal of High Energy Physics</i> , 2013 , 2013,	5.4	7
235	First observation of the decay ($B_s^0 \rightarrow \pi^0 \bar{K}^{*0}$). <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	7
234	Search for CP violation in the phase space of $D^0 \rightarrow \mu^+ \mu^-$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017 , 769, 345-356	4.2	7
233	Search for decays of neutral beauty mesons into four muons. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	7
232	Search for a light Higgs resonance in radiative decays of the $\psi(1S)$ with a charm tag. <i>Physical Review D</i> , 2015 , 91,	4.9	7
231	Study of the $e^+ e^- \rightarrow K^+ K^-$ reaction in the energy range from 2.6 to 8.0 GeV. <i>Physical Review D</i> , 2015 , 92,	4.9	7
230	Search for the rare decays $B^0 \rightarrow J/\psi \pi^0$ and $B_s^0 \rightarrow J/\psi \pi^0$. <i>Physical Review D</i> , 2015 , 92,	4.9	7
229	Observation of the $B(s)(0) \rightarrow \mu^+ \mu^-$ Decay. <i>Physical Review Letters</i> , 2015 , 115, 051801	7.4	7
228	First observations of the rare decays $B^+ \rightarrow K^+ \pi^+ \pi^-$ and $B^+ \rightarrow \pi^+ K^+ \pi^-$. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	7

227	Search for direct CP violation in singly Cabibbo-suppressed $D_{s1} \rightarrow K + K_{s1}$ decays. <i>Physical Review D</i> , 2013 , 87,	4.9	7
226	Measurement of the mass of the D_0 meson. <i>Physical Review D</i> , 2013 , 88,	4.9	7
225	Measurements of branching fractions, polarizations, and direct CP-violation asymmetries in $B \rightarrow \rho K^{*+}$ and $B \rightarrow f_0(980) K^{*+}$ decays. <i>Physical Review D</i> , 2011 , 83,	4.9	7
224	Observation of the decay $B^- \rightarrow D(s)((^{*})^+) K^- \pi^0$. <i>Physical Review Letters</i> , 2011 , 107, 041804	7.4	7
223	Time-dependent Dalitz plot analysis of $B_0 \rightarrow D^2 K_0^0$ decays. <i>Physical Review D</i> , 2008 , 77,	4.9	7
222	Measurement of ratios of branching fractions and CP-violating asymmetries of $B_{d,s} \rightarrow D^* K_{d,s}^0$ decays. <i>Physical Review D</i> , 2008 , 78,	4.9	7
221	Observation of $B^+ \rightarrow \pi^0 K^0$ and measurement of its branching fraction and charge asymmetry. <i>Physical Review D</i> , 2007 , 76,	4.9	7
220	Improved measurement of time-dependent CP asymmetries and the CP-odd fraction in the decay $B_0 \rightarrow D^* + D^{*\pi}$. <i>Physical Review D</i> , 2007 , 76,	4.9	7
219	Measurement of B decays to $\eta' K^0$. <i>Physical Review D</i> , 2007 , 75,	4.9	7
218	Measurements of B^+ branching fractions of Cabibbo-suppressed decay modes involving η and η' . <i>Physical Review D</i> , 2007 , 75,	4.9	7
217	Measurement of branching fractions and mass spectra of $B \rightarrow K \pi \pi \gamma$. <i>Physical Review Letters</i> , 2007 , 98, 211804	7.4	7
216	Observation of $B^- \rightarrow \eta' K^*$ and evidence for $B^+ \rightarrow \eta' \rho^+$. <i>Physical Review Letters</i> , 2007 , 98, 051802	7.4	7
215	Search for the W-exchange decays $B_0 \rightarrow D_s(^*) D_s(^*)^+$. <i>Physical Review D</i> , 2005 , 72,	4.9	7
214	Precise branching ratio measurements of the decays $D_0 \rightarrow \pi^0 \pi^0$ and $D_0 \rightarrow K_S^0 \pi^0$ relative to the $D_0 \rightarrow K_S^0 \pi^0$ decay. <i>Physical Review D</i> , 2006 , 74,	4.9	7
213	Search for rare quark-annihilation decays, $B_{d,s} \rightarrow D_s(^*) \pi$. <i>Physical Review D</i> , 2006 , 73,	4.9	7
212	Search for the decay of a B_0 or B^0 meson to $K_S^0 K^0 K^0$ or $K^* K^0 K^0$. <i>Physical Review D</i> , 2006 , 74,	4.9	7
211	Search for the radiative decays $B \rightarrow \rho \gamma$ and $B \rightarrow \omega \gamma$. <i>Physical Review Letters</i> , 2004 , 92, 111801	7.4	7
210	Measurement of the two photon decay of the $\chi_0(13P_0)$ state of χ charmonium. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2004 , 584, 16-21	4.2	7

209	Measurement of time-dependent CP asymmetries in $B^0 \rightarrow D^{(*)+} / -D^{*-}$ decays. <i>Physical Review Letters</i> , 2005 , 95, 131802	7.4	7
208	Measurement of the branching fraction and CP content for the decay $B^0 \rightarrow D^{(*)+} D^{*-}$. <i>Physical Review Letters</i> , 2002 , 89, 061801	7.4	7
207	Search for CP violation in $(\{\{\{\varXi\}\}^+_{c} \rightarrow \{p\} \{\{K\}^-\} \{\{\pi\}^+\})$ decays using model-independent techniques. <i>European Physical Journal C</i> , 2020 , 80, 1	4.2	7
206	Observation of a new baryon state in the $(\{\Lambda\}_{\text{b}}^0 \{\{\pi\}^+ \{\{\pi\}^-\})$ mass spectrum. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	7
205	Measurement of f_{s}/f_{u} Variation with Proton-Proton Collision Energy and B-Meson Kinematics. <i>Physical Review Letters</i> , 2020 , 124, 122002	7.4	7
204	Study of the reactions $e+e \rightarrow \mu\mu\mu$ and $\mu\mu\mu$ at center-of-mass energies from threshold to 4.35 GeV using initial-state radiation. <i>Physical Review D</i> , 2018 , 98,	4.9	7
203	Search for a dimuon resonance in the χ mass region. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	7
202	Search for CP violation using triple product asymmetries in $\{D b \rightarrow p K \mu \mu\} \{D b \rightarrow p K K\}$ and $\{0 b \rightarrow p K \mu\}$ decays. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	7
201	Amplitude Analysis of the Decay $B^0 \rightarrow K^0_{S^*} \mu^+ \mu^-$ and First Observation of the CP Asymmetry in $B^0 \rightarrow K^{*0} (892)^- \mu^+$. <i>Physical Review Letters</i> , 2018 , 120, 261801	7.4	7
200	Measurement of the B^0 production asymmetry and the CP asymmetry in $B^0 \rightarrow J/\psi$ decays. <i>Physical Review D</i> , 2017 , 95,	4.9	6
199	Measurement of $ V_{cb} $ with $B_s^0 \rightarrow D_s^{(*)} \mu \mu$ decays. <i>Physical Review D</i> , 2020 , 101,	4.9	6
198	First measurement of the CP-violating phase $(\{\phi\}_{s^{\overline{d}}})$ in $B^0 \rightarrow (K^+ \overline{K}^0)$ decays. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	6
197	Measurement of the $l=1/2$ K^0 -wave amplitude from Dalitz plot analyses of $B^0 \rightarrow KK \pi$ in two-photon interactions. <i>Physical Review D</i> , 2016 , 93,	4.9	6
196	Measurement of the mass and lifetime of the Σ^0 baryon. <i>Physical Review D</i> , 2016 , 93,	4.9	6
195	Constraints on the unitarity triangle angle Γ from Dalitz plot analysis of $B^0 \rightarrow DK^+ \pi^-$ decays. <i>Physical Review D</i> , 2016 , 93,	4.9	6
194	Measurements of CP asymmetries in charmless four-body $(\{\{\varLambda\}^0_{\text{b}}\})$ and $(\{\{\varXi\}^0_{\text{b}}\})$ decays. <i>European Physical Journal C</i> , 2019 , 79, 1	4.2	6
193	Measurement of CP observables in $B^0 \rightarrow DK^0$ with $D \rightarrow K + K$. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	6
192	Searches for $(B_{(s)}^0 \rightarrow \{J \text{ left/ } \{\{\psi\} \text{ right.}\} \overline{p}\})$ and $B^+ \rightarrow J/\psi (\overline{p}) \pi^+$ decays. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	6

191	Measurement of CP asymmetries in $D^{\pm} \rightarrow \bar{K}^{\pm}$ and $D_s^{\pm} \rightarrow \bar{K}^{\pm}$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017 , 771, 21-30	4.2	6
190	Observation of the decay $B_s^0 \rightarrow \tau^+ \nu$ and evidence for $B_s^0 \rightarrow \tau^+ \nu$. <i>Journal of High Energy Physics</i> , 2017 , 2017,	5.4	6
189	Measurement of the $Y(nS)$ polarizations in pp collisions at ($\sqrt{s}=7$) and 8 TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	6
188	Measurement of initial-state-final-state radiation interference in the processes $e^+e^- \rightarrow \mu^+\mu^- \gamma$ and $e^+e^- \rightarrow \mu^+\mu^- \gamma \gamma$. <i>Physical Review D</i> , 2015 , 92,	4.9	6
187	Measurement of CP asymmetries and polarisation fractions in ($B_s^0 \rightarrow \bar{K}^0 \{ \overline{K}^0 \}$) decays. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	6
186	Search for the $D^{\pm} b^- \rightarrow D^{\pm} \bar{K}^0$ and $D^{\pm} b^- \rightarrow D^{\pm} \bar{K}^*$ decays with the LHCb detector. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	6
185	Observation of $B_{s^0} \rightarrow \{ \{ K^{\pm} \} \} \{ \{ K^{\mp} \} \}$ and evidence for $B_{s^0} \rightarrow \{ \{ K^{\pm} \} \} \{ \{ \pi^{\mp} \} \}$ decays. <i>New Journal of Physics</i> , 2014 , 16, 123001	2.9	6
184	B^0 meson decays to $\bar{D}^* K^0$, $f_0 K^0$, and \bar{K}^{*+} , including higher K^* resonances. <i>Physical Review D</i> , 2012 , 85,	4.9	6
183	Search for the decay $B_s^0 \rightarrow D^* \bar{K}^0$. <i>Physical Review D</i> , 2013 , 87,	4.9	6
182	Search for $f(J)(2220)$ in radiative J/ψ decays. <i>Physical Review Letters</i> , 2010 , 105, 172001	7.4	6
181	Observation of the rare decay $B^0 \rightarrow K_S^0 K^{\pm} \pi^{\mp}$. <i>Physical Review D</i> , 2010 , 82,	4.9	6
180	Observation of the decay $B^0 \rightarrow \bar{K}^0 p \pi^0$. <i>Physical Review D</i> , 2010 , 82,	4.9	6
179	Search for B-meson decays to b_1 and $b_1 K^*$. <i>Physical Review D</i> , 2009 , 80,	4.9	6
178	The muon and neutral hadron detector for BaBar. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1998 , 409, 542-546 ^{1.2}		6
177	Observation of $B^0 \rightarrow \bar{D}^0 K^0$ and evidence for $B^+ \rightarrow \bar{D}^0 K^+$. <i>Physical Review D</i> , 2008 , 78,	4.9	6
176	Study of B meson decays with excited eta and eta' mesons. <i>Physical Review Letters</i> , 2008 , 101, 091801	7.4	6
175	Measurement of the CP asymmetry and branching fraction of $B^0 \rightarrow \rho^0 K^0$. <i>Physical Review Letters</i> , 2007 , 98, 051803	7.4	6
174	Search for the radiative decay $B^0 \rightarrow \gamma \pi^0$. <i>Physical Review D</i> , 2005 , 72,	4.9	6

- 173 Measurement of the $B \rightarrow D^0 K^* \pi$ branching fraction. *Physical Review D*, **2006**, 73, 4.9 6
- 172 A precise measurement of the [Formula: see text] meson oscillation frequency. *European Physical Journal C*, **2016**, 76, 412 4.2 6
- 171 Measurement of the CKM angle α using $B^0 \rightarrow DK^*0$ with $D \rightarrow K^+ S^0 \pi^-$ decays. *Journal of High Energy Physics*, **2016**, 2016, 5.4 6
- 170 Measurement of CP Violation in $B^0 \rightarrow D^{*+} D^{\pm}$ Decays. *Physical Review Letters*, **2016**, 117, 261801 7.4 6
- 169 Model-independent measurement of the CKM angle α using $B^0 \rightarrow DK^*0$ decays with $D \rightarrow K^+ S^0 \pi^-$ and $K^+ S^0 K^+ K^-$. *Journal of High Energy Physics*, **2016**, 2016, 1 5.4 6
- 168 Measurement of $\cos 2\alpha$ in $B^0 \rightarrow D^{(*)} h^0$ with $D \rightarrow K^+ S^0 \pi^-$ decays by a combined time-dependent Dalitz plot analysis of BaBar and Belle data. *Physical Review D*, **2018**, 98, 4.9 6
- 167 Observation of the decay $B_s^0 \rightarrow D^0 K^+ K^-$. *Physical Review D*, **2018**, 98, 4.9 6
- 166 Measurement of χ production in pp collisions at ($\sqrt{s}=13$) TeV. *Journal of High Energy Physics*, **2018**, 2018, 1 5.4 6
- 165 First observation of $B^+ \rightarrow D^+ s^+ K^+ K^-$ decays and a search for $B^+ \rightarrow D^+ s^+ \chi$ decays. *Journal of High Energy Physics*, **2018**, 2018, 1 5.4 6
- 164 Observation of charmless baryonic decays $B(s)^0 \rightarrow pp \pi^+ h^0$. *Physical Review D*, **2017**, 96, 4.9 5
- 163 Observation of the $(\Lambda_{\text{charm}}^0 \rightarrow \chi_{\text{charm}}^0)$ (3872) pK decay. *Journal of High Energy Physics*, **2019**, 2019, 1 5.4 5
- 162 Resonances in e^+e^- annihilation near 2.2 GeV. *Physical Review D*, **2020**, 101, 4.9 5
- 161 Observation of $B_{\text{charm}}^0 \rightarrow D^0 \overline{K}_{\text{charm}}^0$ and Evidence for $B_{\text{charm}}^0 \rightarrow D^0 \overline{K}_{\text{charm}}^{*0}$ Decays. *Physical Review Letters*, **2016**, 116, 161802 7.4 5
- 160 Measurement of the $B^0 \rightarrow D^* \pi^0$ branching fraction. *Physical Review D*, **2016**, 94, 4.9 5
- 159 Amplitude analysis of $B^0 \rightarrow K^+ S^0 K^- \pi^0$ decays. *Journal of High Energy Physics*, **2019**, 2019, 1 5.4 5
- 158 Observation of the $B^0 \rightarrow J/\psi K^+ K^- \pi^0$ decay. *Journal of High Energy Physics*, **2014**, 2014, 1 5.4 5
- 157 Observation of the decay $B^0 \rightarrow \rho^+ K^- \pi^0$ and a search for CP violation. *Journal of High Energy Physics*, **2017**, 2017, 5.4 5
- 156 Dalitz plot analyses of $J/\psi \rightarrow \pi^0$, $J/\psi \rightarrow K^+ K^-$, and $J/\psi \rightarrow K^+ K^- \pi^0$ produced via e^+e^- annihilation with initial-state radiation. *Physical Review D*, **2017**, 95, 4.9 5

155	Study of (\overline{b}) correlations in high energy proton-proton collisions. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5-4	5
154	Measurement of the $e^+e^- \rightarrow K_S^0 K_S^0 \pi^0$ and $K_S^0 K_S^0 \pi^+ \pi^-$ cross sections using initial-state radiation. <i>Physical Review D</i> , 2017 , 95,	4-9	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> , 2015 , 2015, 1	5-4	5
152	Bottomonium spectroscopy and radiative transitions involving the $\chi_{J(1P,2P)}$ states at BaBar. <i>Physical Review D</i> , 2014 , 90,	4-9	5
151	Branching fractions and CP-violating asymmetries in radiative B decays to χ . <i>Physical Review D</i> , 2009 , 79,	4-9	5
150	Evidence for $B^+ \rightarrow K^+ K^* K^+$. <i>Physical Review D</i> , 2009 , 79,	4-9	5
149	Measurements of branching fractions and CP asymmetries and studies of angular distributions for $B \rightarrow \pi^+ K$ decays. <i>Physical Review D</i> , 2011 , 84,	4-9	5
148	Search for the rare charmless hadronic decay $B^+ \rightarrow a_0^+ \pi^0$. <i>Physical Review D</i> , 2008 , 77,	4-9	5
147	Measurement of CP asymmetries in $B^0 \rightarrow K_S^0 K_S^0 K_S^0$ decays. <i>Physical Review D</i> , 2007 , 76,	4-9	5
146	Measurements of B meson decays to χ^* and χ . <i>Physical Review D</i> , 2005 , 71,	4-9	5
145	Search for the rare decays $B^0 \rightarrow D_s^*(*) + a_0(2)$. <i>Physical Review D</i> , 2006 , 73,	4-9	5
144	Search for the rare leptonic decay $B^+ \rightarrow \mu^+ \nu(\mu)$. <i>Physical Review Letters</i> , 2004 , 92, 221803	7-4	5
143	Search for $B^+ \rightarrow [K^-(\pi^+) \pi^0] (D) K^+$ and upper limit on the $b \rightarrow u$ amplitude in $B^+ \rightarrow DK^+$. <i>Physical Review Letters</i> , 2004 , 93, 131804	7-4	5
142	The RPC-based IFR system at BaBar experiment: preliminary results. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2002 , 477, 435-439	1-2	5
141	Measurement of the branching fractions for $(\chi_S) \rightarrow e^+ e^-$ and $(\chi_S) \rightarrow \mu^+ \mu^-$. <i>Physical Review D</i> , 2001 , 65,	4-9	5
140	Study of $B^0 \rightarrow J/\psi$ and $B^0 \rightarrow J/\psi K^0$ decays: Measurement of the ratio of branching fractions and search for direct CP-violating charge asymmetries. <i>Physical Review D</i> , 2002 , 65,	4-9	5
139	The BaBar detector for muon identification and neutral hadron detection. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1996 , 379, 472-474	1-2	5
138	Updated measurement of decay-time-dependent CP asymmetries in $D^0 \rightarrow K^+ K^-$ and $D^0 \rightarrow \pi^+ \pi^-$ decays. <i>Physical Review D</i> , 2020 , 101,	4-9	5

137	Measurement of the ratio of branching fractions ($\frac{\mathcal{B}(\mathcal{B} \rightarrow \mathcal{K}^+ \mathcal{J})}{\mathcal{B}(\mathcal{B} \rightarrow \mathcal{K}^+ \mathcal{J})}$). <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5-4	5
136	A search for ($\mathcal{X}_{\mathcal{C}}^{++}$) \rightarrow D+pK \boxplus decays. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5-4	5
135	Observation of $\mathcal{B}_s^0 \rightarrow \mathcal{D}^* \mathcal{D}^0$ and search for $\mathcal{B}_0 \rightarrow \mathcal{D} \mathcal{D}^0$ decays. <i>Physical Review D</i> , 2018 , 98,	4-9	5
134	Observation of the decay $\mathcal{D}^0_b \rightarrow \mathcal{D}^0 \mathcal{S} \mathcal{P}$. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5-4	5
133	Search for weakly decaying b-flavored pentaquarks. <i>Physical Review D</i> , 2018 , 97,	4-9	5
132	Measurement of forward $t\bar{t}$, $W+bb$ and $W+cc$ production in pp collisions at $\sqrt{s}=8$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017 , 767, 110-120	4-2	4
131	Observation of [Formula: see text] and [Formula: see text] decays. <i>European Physical Journal C</i> , 2017 , 77, 72	4-2	4
130	Observation of $\mathcal{B}_{(s)}^0 \rightarrow \mathcal{J}/\mathcal{P} \mathcal{P}$ Decays and Precision Measurements of the $\mathcal{B}_{(s)}^0$ Masses. <i>Physical Review Letters</i> , 2019 , 122, 191804	7-4	4
129	Observation of the Decay $\mathcal{D}^+ \rightarrow \mathcal{K}^+ \mathcal{D}^0 e^+ e^-$. <i>Physical Review Letters</i> , 2019 , 122, 081802	7-4	4
128	Search for the Rare Decays $\mathcal{B}_{(s)}^0 \rightarrow e^+ e^-$ and $\mathcal{B}^0 \rightarrow e^+ e^-$. <i>Physical Review Letters</i> , 2020 , 124, 211802	7-4	4
127	Search for a Dark Leptophilic Scalar in $e^+ e^-$ Collisions. <i>Physical Review Letters</i> , 2020 , 125, 181801	7-4	4
126	Measurements of the Absolute Branching Fractions of $\mathcal{B}^0 \rightarrow \mathcal{K}^0 \mathcal{X}_{\mathcal{C}}^0$. <i>Physical Review Letters</i> , 2020 , 124, 152001	7-4	4
125	Measurement of $\mathcal{X}_{\mathcal{C}}^{++}$ production in pp collisions at $\sqrt{s}=13$ TeV. <i>Chinese Physics C</i> , 2020 , 44, 022001	2-2	4
124	Measurement of $\mathcal{P} \mathcal{S}$ production cross-sections in proton-proton collisions at $\sqrt{s}=7$ and 13 TeV. <i>European Physical Journal C</i> , 2020 , 80,	4-2	4
123	Measurement of CP asymmetry in $\mathcal{B}_0 \rightarrow \mathcal{D}^0 \mathcal{K}^0$ decays. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5-4	4
122	Search for \mathcal{B}_c^+ decays to two charm mesons. <i>Nuclear Physics B</i> , 2018 , 930, 563-582	2-8	4
121	Dalitz plot analysis of the $\mathcal{D}^+ \rightarrow \mathcal{K}^0 \mathcal{K}^+$ decay. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5-4	4
120	Limits on neutral Higgs boson production in the forward region in pp collisions at ($\sqrt{s}=7$) TeV. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5-4	4

119	New algorithms for identifying the flavour of [Formula: see text] mesons using pions and protons. <i>European Physical Journal C</i> , 2017 , 77, 238	4.2	4
118	Evidence for the two-body charmless baryonic decay ($\{B\}^{\{+\}} \rightarrow \overline{\text{poverline}\{\text{varLambda}\}}$). <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	4
117	First Observation of the Rare Purely Baryonic Decay $B^{\{0\}} \rightarrow pp[\overline{\text{varLambda}}]$. <i>Physical Review Letters</i> , 2017 , 119, 232001	7.4	4
116	Measurement of CP observables in $B_{\text{c}} \rightarrow DK^*_{\text{c}}$ decays using two- and four-body D final states. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	4
115	Updated branching fraction measurements of $B(s) \rightarrow K S^0 h^+ h^-$ decays. <i>Journal of High Energy Physics</i> , 2017 , 2017,	5.4	4
114	Study of $B_{\text{c}} \rightarrow DK^*_{\text{c}}$ and $B_{\text{c}} \rightarrow D^*_{\text{c}}$ decays and determination of the CKM angle φ . <i>Physical Review D</i> , 2015 , 92,	4.9	4
113	First observation and measurement of the branching fraction for the decay $B^0 \rightarrow D^* s^+ K^{\text{c}}$. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	4
112	Evidence for the baryonic decay $B^0 \rightarrow D^0_{\text{c}}$. <i>Physical Review D</i> , 2014 , 89,	4.9	4
111	Search for B^+ meson decay to $a_1(1260)K^*(892)$. <i>Physical Review D</i> , 2010 , 82,	4.9	4
110	Observation of inclusive D^*_{c} production in the decay of $\Upsilon(1S)$. <i>Physical Review D</i> , 2010 , 81,	4.9	4
109	Observation and polarization measurement of $B^0 \rightarrow a_1(1260) + a_1(1260)_{\text{c}}$ decay. <i>Physical Review D</i> , 2009 , 80,	4.9	4
108	Observation of the baryonic B-decay $B^0 \rightarrow \overline{\text{p}} + p^{\text{c}}$. <i>Physical Review D</i> , 2009 , 80,	4.9	4
107	Search for the decay $B^0 \rightarrow \text{varLambda}^0$. <i>Physical Review D</i> , 2011 , 83,	4.9	4
106	Characterization of protein tyrosine phosphatase H1 knockout mice in animal models of local and systemic inflammation. <i>Journal of Inflammation</i> , 2010 , 7, 16	6.7	4
105	The Nearest-Neighbor Technique for particle identification. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1998 , 405, 133-138	1.2	4
104	Measurement of the mass difference $m(B^0) - m(B^+)$. <i>Physical Review D</i> , 2008 , 78,	4.9	4
103	Search for $B^0 \rightarrow K^+ + K^*_{\text{c}}$. <i>Physical Review D</i> , 2008 , 78,	4.9	4
102	Search for the decays $B^0 \rightarrow e^+ e^-$ and $B^0 \rightarrow \mu^+ \mu^-$. <i>Physical Review D</i> , 2008 , 77,	4.9	4

101	Observation of $B(+) \rightarrow \text{phiphik}(+)$ and evidence for $B(0) \rightarrow \text{phiphik}(0)$ below $\eta(c)$ threshold. <i>Physical Review Letters</i> , 2006 , 97, 261803	7-4	4
100	Search for $b \rightarrow u$ transitions in $B \rightarrow [K+0] DK$. <i>Physical Review D</i> , 2007 , 76,	4-9	4
99	Evidence for the Rare Decay $B \rightarrow Ds+0$. <i>Physical Review Letters</i> , 2007 , 98,	7-4	4
98	Search for the decay $B \rightarrow 3\pi 2\pi$. <i>Physical Review D</i> , 2006 , 73,	4-9	4
97	Bound on the ratio of decay amplitudes for $B \rightarrow J/\psi K^*0$ and $B \rightarrow J/\psi K^*0$. <i>Physical Review Letters</i> , 2004 , 93, 081801	7-4	4
96	E835 at FNAL: Charmonium Spectroscopy in Annihilations. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2005 , 142, 98-103		4
95	Inclusive D-meson branching ratios. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1987 , 36, 551-558		4
94	Strong constraints on the $b \rightarrow s$ photon polarisation from $B \rightarrow K^*0 e^+ e^-$ decays. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5-4	4
93	Search for CP violation and observation of P violation in $B \rightarrow p \pi$ decays. <i>Physical Review D</i> , 2020 , 102,	4-9	4
92	Measurement of the $B_{s0} \rightarrow J/\psi$ lifetime. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 762, 484-492	4-2	4
91	Tests of CPT symmetry in $B \bar{B}$ mixing and in $B \rightarrow cc \bar{K}0$ decays. <i>Physical Review D</i> , 2016 , 94,	4-9	4
90	Measurement of the Bc meson production fraction and asymmetry in 7 and 13 TeV pp collisions. <i>Physical Review D</i> , 2019 , 100,	4-9	4
89	Observation of a new B_0 state. <i>Physical Review D</i> , 2021 , 103,	4-9	4
88	Measurement of the time-integrated CP asymmetry in $D \rightarrow K^0 S K^0 S$ decays. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5-4	4
87	First Evidence for $\cos 2\beta_0$ and Resolution of the Cabibbo-Kobayashi-Maskawa Quark-Mixing Unitarity Triangle Ambiguity. <i>Physical Review Letters</i> , 2018 , 121, 261801	7-4	4
86	Measurement of forward top pair production in the dilepton channel in pp collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5-4	4
85	Measurement of $D \rightarrow s$ production asymmetry in pp collisions at ($\sqrt{s}=7$) and 8 TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5-4	4
84	First branching fraction measurement of the suppressed decay $B \rightarrow \bar{D}^+$. <i>Physical Review D</i> , 2020 , 102,	4-9	3

83	First observation of the rare $B^+ \rightarrow D^+ K^+ \pi^0$ decay. <i>Physical Review D</i> , 2016 , 93,	4.9	3
82	Measurement of the $B_s^0 \rightarrow D_s^{(*)} + D_s^{(*)}$ branching fractions. <i>Physical Review D</i> , 2016 , 93,	4.9	3
81	First observation of the decay $B^0 \rightarrow K^0 S^*(892)^0$ at LHCb. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	3
80	Measurement of the branching fractions of the decays $D^+ \rightarrow K^+ K^+$, $D^+ \rightarrow \pi^+ K^+$ and $D^+ \rightarrow \pi^+ \pi^+$. <i>Journal of High Energy Physics</i> , 2019 , 2019,	5.4	3
79	Amplitude analysis of the $(B^0 \rightarrow K^* \overline{K}^0)$ decays and measurement of the branching fraction of the $(B^0 \rightarrow K^* \overline{K}^0)$ decay. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	3
78	Bose-Einstein correlations of same-sign charged pions in the forward region in pp collisions at ($\sqrt{s}=7$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	3
77	Evidence for the decay $B^0 \rightarrow \pi^0 \pi^0$ and search for $B^0 \rightarrow \eta$. <i>Physical Review D</i> , 2014 , 89,	4.9	3
76	Search for the decay $B^0 \rightarrow \eta + p \bar{p}$. <i>Physical Review D</i> , 2014 , 89,	4.9	3
75	Study of the decay $B^0 \rightarrow \eta + p \bar{p}$ and its intermediate states. <i>Physical Review D</i> , 2013 , 87,	4.9	3
74	Measurement of partial branching fractions of inclusive charmless B meson decays to K^+ , K^0 , and π^+ . <i>Physical Review D</i> , 2011 , 83,	4.9	3
73	Search for B^0 meson decays to $\pi^0 K^0 K^0$, $K^0 K^0$, and $\pi^0 K^0 K^0$. <i>Physical Review D</i> , 2009 , 80,	4.9	3
72	Measurement of the time-dependent CP asymmetry of partially reconstructed $B^0 \rightarrow D^{*+} D^{*-}$ decays. <i>Physical Review D</i> , 2012 , 86,	4.9	3
71	Search for the decay modes $D^0 \rightarrow e^+ e^- D^0 \rightarrow \pi^0 \pi^0$ and $D^0 \rightarrow e^+ \pi^-$. <i>Physical Review D</i> , 2012 , 86,	4.9	3
70	A Silicon Pad Detector for E-835 experiment at Fermilab. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1997 , 391, 443-451	1.2	3
69	Study of $p \bar{p} \rightarrow$ two neutral pseudoscalar mesons at the $\psi(13P0)$ formation energy. <i>Physical Review D</i> , 2005 , 72,	4.9	3
68	Measurement of the branching fraction and decay rate asymmetry of $B \rightarrow D \pi K$. <i>Physical Review D</i> , 2005 , 72,	4.9	3
67	Search for the decay $B^0 \rightarrow K^0 K^0 K^0$. <i>Physical Review D</i> , 2006 , 74,	4.9	3
66	Search for B meson decays to $\pi^0 K$. <i>Physical Review D</i> , 2006 , 74,	4.9	3

65	Measurement of the branching fraction for $B \rightarrow D^0 K^*$. <i>Physical Review D</i> , 2004 , 69,	4.9	3
64	Measurement of the branching ratios $B \rightarrow e^+ e^- J/\psi$ and $B \rightarrow J/\psi$. <i>Physical Review D</i> , 2005 , 71,	4.9	3
63	Measurement of the electron reconstruction efficiency at LHCb. <i>Journal of Instrumentation</i> , 2019 , 14, P11023-P11023	1	3
62	Measurement of Charged Hadron Production in Z-Tagged Jets in Proton-Proton Collisions at $\sqrt{s}=8$ TeV. <i>Physical Review Letters</i> , 2019 , 123, 232001	7.4	3
61	Search for lepton-flavour-violating decays of Higgs-like bosons. <i>European Physical Journal C</i> , 2018 , 78, 1008	4.2	3
60	Measurement of the relative $B \rightarrow D^0/D^{*0}$ branching fractions using B mesons from $B \rightarrow 2^0$ decays. <i>Physical Review D</i> , 2019 , 99,	4.9	2
59	Measurement of the CP-violating phase γ from $B_s^0 \rightarrow J/\psi$ decays in 13 TeV pp collisions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2019 , 797, 134789	4.2	2
58	Search for CP Violation in $D_{s1}^+ \rightarrow K_{S1}^0 \bar{D}^+$, $D^+ \rightarrow K_{S1}^0 K^+$, and $D^+ \rightarrow \pi^+$ Decays. <i>Physical Review Letters</i> , 2019 , 122, 191803	7.4	2
57	Observation of the doubly Cabibbo-suppressed decay $\bar{B} \rightarrow c \rightarrow p$. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	2
56	Search for CP violation through an amplitude analysis of $D^0 \rightarrow K^+ K^-$ decays. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	2
55	Measurement of the $(\Lambda_b^0) \rightarrow J/\psi$ angular distribution and the (Λ_b^0) polarisation in pp collisions. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	2
54	Measurement of CP observables in $B \rightarrow DK$ and $B \rightarrow D\pi$ with $D \rightarrow (K_{S1}^0 K^{\pm} \pi^{\mp})$ decays. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	2
53	Search for Rare or Forbidden Decays of the D^0 Meson. <i>Physical Review Letters</i> , 2020 , 124, 071802	7.4	2
52	Measurement of the ratio of branching fractions and difference in CP asymmetries of the decays $B^+ \rightarrow J/\psi$ and $B^+ \rightarrow J/\psi$. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	2
51	Search for mixing-induced CP violation using partial reconstruction of $B^0 \rightarrow D^* X$ and kaon tagging. <i>Physical Review D</i> , 2016 , 93,	4.9	2
50	Study of the $B^0 \rightarrow \psi(770) K^*(892)^0$ decay with an amplitude analysis of $B^0 \rightarrow \psi(K^+ \pi^-)$ decays. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	2
49	Observation of the $B^+ \rightarrow D^* K^+$ decay. <i>Physical Review D</i> , 2017 , 96,	4.9	2
48	Measurement of CP violation in $B^0 \rightarrow J/\psi S^0$ and $B^0 \rightarrow \psi(2S) K S^0$ decays. <i>Journal of High Energy Physics</i> , 2017 , 2017,	5.4	2

47	Evidence for CP violation in $B^{+-} \rightarrow K^*(892) + \pi^0$ from a Dalitz plot analysis of $B^{+-} \rightarrow K_S^0 \pi^0$ decays. <i>Physical Review D</i> , 2017 , 96,	4.9	2
46	Observation of the baryonic decay $B^0 \rightarrow \bar{p} + p + K^+$. <i>Physical Review D</i> , 2015 , 91,	4.9	2
45	Correlated leading baryon-antibaryon production in $e^+e^- \rightarrow c\bar{c} \rightarrow \bar{p} + \Lambda_c^+$. <i>Physical Review D</i> , 2010 , 82,	4.9	2
44	Search for $B^{+-} \rightarrow D + K^0$ and $B^{+-} \rightarrow D + K^{*0}$ decays. <i>Physical Review D</i> , 2010 , 82,	4.9	2
43	Observation of the baryonic B decay $B^0 \rightarrow \bar{p} + \Lambda^0$. <i>Physical Review D</i> , 2011 , 84,	4.9	2
42	Measurement of $B \rightarrow X \gamma$ decays and determination of $ V_{td}/V_{ts} $. <i>Physical Review Letters</i> , 2009 , 102, 161803	7.4	2
41	Publisher's Note: Study of radiative bottomonium transitions using converted photons [Phys. Rev. D PRVDAQ1550-7998 84, 072002 (2011)]. <i>Physical Review D</i> , 2011 , 84,	4.9	2
40	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> , 2012 , 108,	7.4	2
39	Publisher's Note: Erratum: Measurement of Branching Fractions and Mass Spectra of $B \rightarrow K$ [Phys. Rev. Lett. 98, 211804 (2007)] [Phys. Rev. Lett. 100, 189903 (2008)]. <i>Physical Review Letters</i> , 2008 , 100,	7.4	2
38	Search for prompt production of \bar{p} and $X(3872)$ in e^+e^- annihilations. <i>Physical Review D</i> , 2007 , 76,	4.9	2
37	Measurement of $\sin 2\alpha$ with hadronic and previously unused muonic J/ψ decays. <i>Physical Review D</i> , 2004 , 69,	4.9	2
36	Search for the doubly heavy (χ_{bc}^0) baryon via decays to $D^0 p$. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	2
35	Isospin Amplitudes in $\Lambda_b^0 \rightarrow J/\psi \Lambda^0$ and $\Lambda_b^0 \rightarrow J/\psi \Lambda^0 \pi^0$ Decays. <i>Physical Review Letters</i> , 2020 , 124, 111802	7.4	2
34	Search for $B \rightarrow \bar{p} \pi^+$ with the BaBar experiment. <i>Physical Review D</i> , 2019 , 100,	4.9	2
33	Measurement of CP-Violating and Mixing-Induced Observables in $B_{(s)}^0 \rightarrow \pi^0$ Decays. <i>Physical Review Letters</i> , 2019 , 123, 081802	7.4	2
32	Study of ($\Lambda_b^0 \rightarrow J/\psi \Lambda^0$) decays. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	2
31	Measurement of $Z \rightarrow \Lambda_b^0 \Lambda_b^0$ production in proton-proton collisions at ($\sqrt{s} = 8$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	2
30	Study of $\psi(1S)$ radiative decays to Λ_b^0 and $\Lambda_b^0 + K^0$. <i>Physical Review D</i> , 2018 , 97,	4.9	2

29	Measurement of CP violation in $B^0 \rightarrow D^* \pi$ decays. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	2
28	Measurement of CP observables in the process $B^0 \rightarrow DK^*0$ with two- and four-body D decays. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	1
27	Constraints on the $K_{S^*} \rightarrow \pi^+ \pi^-$ Branching Fraction. <i>Physical Review Letters</i> , 2020 , 125, 231801	7.4	1
26	Measurement of the branching fraction of the decay $B_s^0 \rightarrow K_S^0 K_S^0$. <i>Physical Review D</i> , 2020 , 102,	4.9	1
25	First observation of the decay $B^0 \rightarrow D^0 D^* K^+ 0$. <i>Physical Review D</i> , 2020 , 102,	4.9	1
24	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> , 2018 , 776, 430-439	4.2	1
23	Measurement of the ratio of branching fractions of the decays $\bar{D}^* b \rightarrow \rho^+ \pi^0$ and $\bar{D}^* b \rightarrow J/\psi$. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	1
22	Measurement of the branching fraction and (C)P asymmetry in $(\{B^+\} \rightarrow \{J/\psi\} \{\rho^+\})$ decays. <i>European Physical Journal C</i> , 2019 , 79, 1	4.2	1
21	Search for the $B^0_s \rightarrow \tau^+ \tau^-$ decay. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	1
20	Measurement of the $D^{*+}(2010)^+ - D^{*+}$ Mass Difference. <i>Physical Review Letters</i> , 2017 , 119, 202003	7.4	1
19	Search for Baryon-Number Violating $\bar{D}^* \{b\}^0$ Oscillations. <i>Physical Review Letters</i> , 2017 , 119, 181807	7.4	1
18	Search for new \bar{D} -like particles produced in association with a τ lepton pair. <i>Physical Review D</i> , 2014 , 90,	4.9	1
17	Search for $B^* \rightarrow \bar{D}^* X$ decays in events with a fully reconstructed B meson. <i>Physical Review D</i> , 2012 , 85,	4.9	1
16	Search for the rare decay $B^* \rightarrow D^* \pi$. <i>Physical Review D</i> , 2005 , 72,	4.9	1
15	Measurement of the average \bar{D} multiplicity in B meson decay. <i>Physical Review D</i> , 2004 , 69,	4.9	1
14	Measurement of the relative branching fractions of $B^+ \rightarrow h^+ h^+ h^0$ decays. <i>Physical Review D</i> , 2020 , 102,	4.9	1
13	Observation of the semileptonic decay $\{B^+\} \rightarrow \overline{p} \{\mu^+\} \{\nu_{\mu}\}$. <i>Journal of High Energy Physics</i> , 2020 , 2020,	5.4	1
12	Measurement of the shape of the $(\{B^+ \} \rightarrow \{D^+ \} \{\mu^+ \} \{\nu_{\mu}\})$ differential decay rate. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	1

11	Search for lepton-flavor-violating decays $D_0 \rightarrow X_0 e \mu$. <i>Physical Review D</i> , 2020 , 101,	4.9	1
10	Observation of Enhanced Double Parton Scattering in Proton-Lead Collisions at $\sqrt{s_{NN}}=8.16$ TeV. <i>Physical Review Letters</i> , 2020 , 125, 212001	7.4	1
9	Precision measurement of the $(\{B\}_c^{\{+\}})$ meson mass. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	1
8	Measurement of differential (\overline{b}) - and (\overline{c}) -dijet cross-sections in the forward region of pp collisions at $(\sqrt{s}) = 13$ TeV. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	1
7	Search for the decay mode $B_0 \rightarrow p p p \bar{p}$. <i>Physical Review D</i> , 2018 , 98,	4.9	1
6	Measurement of the CP asymmetry in $B \rightarrow D \bar{K} D_0$ and $B \rightarrow D D_0$ decays. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	1
5	Precision Measurement of the Ratio $B(3S) \rightarrow \bar{K}^+ \bar{K}^- / B(3S) \rightarrow \bar{K}^+ \bar{K}^0$. <i>Physical Review Letters</i> , 2020 , 125, 241801	7.4	0
4	Measurement of CP violation in $B_0 \rightarrow D^* \bar{D}^0$ decays. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	0
3	Measurement of CP violation in the $(\{B\}_s^0 \rightarrow \phi \phi)$ decay and search for the $B_0 \rightarrow \eta \eta$ decay. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	0
2	Observation of the decay $(\overline{B})_s^0 \rightarrow \chi_{c2} \{K\}^+ \{K\}^-$ in the η mass region. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	0
1	Charmonium formation in pp annihilation by experiment E760. <i>Nuclear Physics A</i> , 1993 , 558, 259-267	1.3	