

Concezio Bozzi

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1,100
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g-index

1,138
ext. papers

42,877
ext. citations

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avg, IF

3.86
L-index

#	Paper	IF	Citations
1100	Observation of J/ψ Resonances Consistent with Pentaquark States in $B^0 \rightarrow J/\psi p$ Decays. <i>Physical Review Letters</i> , 2015 , 115, 072001	7.4	580
1099	Test of lepton universality using $b^+ \rightarrow K^+ \mu^+ \mu^-$ decays. <i>Physical Review Letters</i> , 2014 , 113, 151601	7.4	542
1098	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
1097	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
1096	Evidence for an excess of $B \rightarrow D^{(*)} \mu^+ \mu^-$ decays. <i>Physical Review Letters</i> , 2012 , 109, 101802	7.4	456
1095	Observation of CP violation in the B^0 meson system. <i>Physical Review Letters</i> , 2001 , 87, 091801	7.4	373
1094	Measurement of an excess of $B^0 \rightarrow D^{(*)} \mu^+ \mu^-$ decays and implications for charged Higgs bosons. <i>Physical Review D</i> , 2013 , 88,	4.9	340
1093	Study of the $B^0 \rightarrow J/\psi K^0$ decay and measurement of the $B^0 \rightarrow X(3872) K^0$ branching fraction. <i>Physical Review D</i> , 2005 , 71,	4.9	333
1092	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
1091	Measurement of the ratio of branching fractions $B(B^0 \rightarrow D^{*+} \mu^+ \mu^-) / B(B^0 \rightarrow D^{*+} \pi^+ \mu^-)$. <i>Physical Review Letters</i> , 2015 , 115, 111803	7.4	316
1090	Measurement of form-factor-independent observables in the decay $B^0 \rightarrow K^{*0} \mu^+ \mu^-$. <i>Physical Review Letters</i> , 2013 , 111, 191801	7.4	314
1089	Averages of b-hadron, c-hadron, and (τ)-lepton properties as of summer 2016. <i>European Physical Journal C</i> , 2017 , 77, 1	4.2	310
1088	First evidence for the decay $B(s)^0 \rightarrow \mu^+ \mu^-$. <i>Physical Review Letters</i> , 2013 , 110, 021801	7.4	263
1087	Observation of the Doubly Charmed Baryon Ω_{cc}^{++} . <i>Physical Review Letters</i> , 2017 , 119, 112001	7.4	257
1086	Measurement of the $B \rightarrow D$ transition form factor. <i>Physical Review D</i> , 2009 , 80,	4.9	246
1085	Search for a dark photon in $e^+ e^-$ collisions at BABAR. <i>Physical Review Letters</i> , 2014 , 113, 201801	7.4	241
1084	Observation of the resonant character of the $Z(4430)^-$ state. <i>Physical Review Letters</i> , 2014 , 112, 222002	7.4	234

1083	Determination of the X(3872) meson quantum numbers. <i>Physical Review Letters</i> , 2013 , 110, 222001	7.4	234
1082	The Physics of the B Factories. <i>European Physical Journal C</i> , 2014 , 74, 1	4.2	233
1081	Angular analysis of the $B^0 \rightarrow K^*0 \mu^+ \mu^-$ decay using 3 fb of integrated luminosity. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	232
1080	Measurement of the CP asymmetry amplitude $\sin 2\beta$ with B^0 mesons. <i>Physical Review Letters</i> , 2002 , 89, 201802	7.4	228
1079	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
1078	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
1077	Evidence of a broad structure at an invariant mass of 4.32 GeV/c ² in the reaction $e^+e^- \rightarrow \pi^+\pi^-\psi(2S)$ measured at BABAR. <i>Physical Review Letters</i> , 2007 , 98, 212001	7.4	200
1076	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
1075	FCC-ee: The Lepton Collider. <i>European Physical Journal: Special Topics</i> , 2019 , 228, 261-623	2.3	193
1074	Evidence for D^0 - \bar{D}^0 mixing. <i>Physical Review Letters</i> , 2007 , 98, 211802	7.4	186
1073	Study of $e^+e^- \rightarrow \mu^+\mu^-$ using initial state radiation with BABAR. <i>Physical Review D</i> , 2006 , 73,	4.9	180
1072	FCC Physics Opportunities. <i>European Physical Journal C</i> , 2019 , 79, 1	4.2	174
1071	Prompt charm production in pp collisions at . <i>Nuclear Physics B</i> , 2013 , 871, 1-20	2.8	163
1070	Precise measurement of the $e^+e^- \rightarrow \pi^+\pi^-(\gamma)$ cross section with the initial state radiation method at BABAR. <i>Physical Review Letters</i> , 2009 , 103, 231801	7.4	163
1069	Observation of Five New Narrow χ_{c0} States Decaying to $\chi_{c0}^+ K^-$. <i>Physical Review Letters</i> , 2017 , 118, 182001	7.4	154
1068	Evidence for CP violation in time-integrated $D^0 \rightarrow h(-)h(+)$ decay rates. <i>Physical Review Letters</i> , 2012 , 108, 111602	7.4	150
1067	Strong constraints on the rare decays $B(s)(0) \rightarrow \mu^+ \mu^-$ and $B^0 \rightarrow \mu^+ \mu^-$ <i>Physical Review Letters</i> , 2012 , 108, 231801	7.4	144
1066	Differential branching fractions and isospin asymmetries of $B \rightarrow K^*(*) \mu^+ \mu^-$ decays. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	142

1065	Search for dimuon decays of a light scalar boson in radiative transitions $Upsilon \rightarrow \gamma A_0$. <i>Physical Review Letters</i> , 2009 , 103, 081803	7.4	139
1064	Measurement of the $B \rightarrow Xsl+l-$ branching fraction with a sum over exclusive modes. <i>Physical Review Letters</i> , 2004 , 93, 081802	7.4	139
1063	Angular analysis and differential branching fraction of the decay $B^0 \rightarrow \tau^+ \tau^- \mu \mu$. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	138
1062	Search for Lepton-Universality Violation in $B^+ \rightarrow K^+ \mu^+ \mu^-$ Decays. <i>Physical Review Letters</i> , 2019 , 122, 191801	7.4	137
1061	Measurement of double charmonium production in e^+e^- annihilations at $\sqrt{s}=10.6$ GeV. <i>Physical Review D</i> , 2005 , 72,	4.9	136
1060	Direct CP violating asymmetry in $B^0 \rightarrow K^+ \pi^-$ decays. <i>Physical Review Letters</i> , 2004 , 93, 131801	7.4	136
1059	Evidence for $X(3872) \rightarrow \psi(2S) \gamma$ in $B^{+/-} \rightarrow X(3872) K^{+/-}$ decays and a study of $B \rightarrow c \bar{c} [\text{over }] \gamma K$. <i>Physical Review Letters</i> , 2009 , 102, 132001	7.4	134
1058	Observation of the bottomonium ground state in the decay $Upsilon(3S) \rightarrow \gamma \eta'$. <i>Physical Review Letters</i> , 2008 , 101, 071801	7.4	132
1057	Study of time-dependent CP-violating asymmetries and flavor oscillations in neutral B decays at the $\Upsilon(4S)$. <i>Physical Review D</i> , 2002 , 66,	4.9	129
1056	Measurements of $e^+e^- \rightarrow K^+ K^- K^0 \bar{K}^0$, and $K_S^0 K^0 \bar{K}^0$ cross sections using initial state radiation events. <i>Physical Review D</i> , 2008 , 77,	4.9	127
1055	Measurement of the Ratio of the $B^+ \rightarrow D^{*-} \mu^+ \mu^+$ and $B^0 \rightarrow D^{*-} \mu^+ \mu^0$ Branching Fractions Using Three-Prong Lepton Decays. <i>Physical Review Letters</i> , 2018 , 120, 171802	7.4	126
1054	Study of the $e^+e^- \rightarrow \mu^+ \mu^-$ process using initial state radiation with BABAR. <i>Physical Review D</i> , 2004 , 70,	4.9	122
1053	Observation of $X(3872)$ production in pp collisions at $(\sqrt{s}=7 \text{ TeV})$. <i>European Physical Journal C</i> , 2012 , 72, 1	4.2	121
1052	Search for lepton flavor violation in the decay $\tau^{+/-} \rightarrow \mu^+ \gamma$. <i>Physical Review Letters</i> , 2005 , 95, 041802	7.4	121
1051	Evidence for the decay $X(3872) \rightarrow J/\psi \pi$. <i>Physical Review D</i> , 2010 , 82,	4.9	119
1050	Measurements of branching fractions, rate asymmetries, and angular distributions in the rare decays $B \rightarrow K^* \mu \mu$ and $B \rightarrow K^* \tau \tau$. <i>Physical Review D</i> , 2006 , 73,	4.9	119
1049	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
1048	Observation of a new D_s meson decaying to DK at a mass of 2.86 GeV/c ² . <i>Physical Review Letters</i> , 2006 , 97, 222001	7.4	117

1047	Rates, polarizations, and asymmetries in charmless vector-vector B meson decays. <i>Physical Review Letters</i> , 2003 , 91, 171802	7.4	117
1046	Implications of LHCb measurements and future prospects. <i>European Physical Journal C</i> , 2013 , 73, 1	4.2	116
1045	Search for doubly charmed baryons $\bar{b}c^+$ and $\bar{b}c^{++}$ in BABAR. <i>Physical Review D</i> , 2006 , 74,	4.9	116
1044	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
1043	Observation of new resonances decaying to $D\bar{K}$ and $D^*\bar{K}$ in inclusive e^+e^- collisions near $\sqrt{s}=10.58$ GeV. <i>Physical Review D</i> , 2010 , 82,	4.9	111
1042	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
1041	The $e^+e^- \rightarrow 2(\pi^+\pi^-), 2(\pi^+\pi^-)K+K\bar{K}$ and $K+K\bar{K}$ cross sections measured with initial-state radiation. <i>Physical Review D</i> , 2007 , 76,	4.9	111
1040	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
1039	Measurement of the Ratio of Branching Fractions $B(B_c^+ \rightarrow J/\psi \pi^+) / B(B_c^+ \rightarrow J/\psi \rho^+)$. <i>Physical Review Letters</i> , 2018 , 120, 121801	7.4	109
1038	$e^+e^- \rightarrow \pi^+\pi^-K+K\bar{K}$ and $K+K\bar{K}$ cross sections at center-of-mass energies 0.5–5 GeV measured with initial-state radiation. <i>Physical Review D</i> , 2005 , 71,	4.9	109
1037	Search for the $Z(4430)$ at BABAR. <i>Physical Review D</i> , 2009 , 79,	4.9	108
1036	Measurement of $\rho(770)$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2010 , 694, 209-216	4.2	107
1035	The $e^+e^- \rightarrow 3(\pi^+\pi^-), 2(\pi^+\pi^-)$ and $K+K\bar{K}$ cross sections at center-of-mass energies from production threshold to 4.5 GeV measured with initial-state radiation. <i>Physical Review D</i> , 2006 , 73,	4.9	107
1034	Test of lepton flavor universality by the measurement of the $B^0 \rightarrow D^{*+} \pi^-$ branching fraction using three-prong π decays. <i>Physical Review D</i> , 2018 , 97,	4.9	106
1033	Measurement of the $B_s^0 \rightarrow \pi^+\pi^-$ Branching Fraction and Effective Lifetime and Search for $B^0 \rightarrow \pi^+\pi^-$ Decays. <i>Physical Review Letters</i> , 2017 , 118, 191801	7.4	106
1032	Search for $B^+ \rightarrow X(3872)K^+$, $X(3872) \rightarrow J/\psi$ <i>Physical Review D</i> , 2006 , 74,	4.9	106
1031	Measurement of b hadron production fractions in 7 TeV pp collisions. <i>Physical Review D</i> , 2012 , 85,	4.9	105
1030	Observation of $\rho(770)$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 707, 52-59	4.2	104

1029	Structure at 2175 MeV in $e^+e^- \rightarrow \gamma^* f_0(980)$ observed via initial-state radiation. <i>Physical Review D</i> , 2006 , 74,	4.9	102
1028	Study of resonances in exclusive B decays to $D^{(*)} D^{(*)} K$. <i>Physical Review D</i> , 2008 , 77,	4.9	100
1027	Differential branching fraction and angular analysis of the decay $B^0 \rightarrow K^* \rho^0$. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	99
1026	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
1025	Observation of a Charmed Baryon Decaying to $D_s^0 p$ at a Mass Near 2.94 GeV/c ² . <i>Physical Review Letters</i> , 2007 , 98, 012001	7.4	97
1024	Observation of time-reversal violation in the B^0 meson system. <i>Physical Review Letters</i> , 2012 , 109, 211801	7.4	96
1023	Measurement of the CP-violating phase $\gamma(s)$ in the decay $B(s)(0) \rightarrow J/\psi$. <i>Physical Review Letters</i> , 2012 , 108, 101803	7.4	95
1022	Improved measurement of CP asymmetries in $B^0 \rightarrow (cc)K(0^*)$ decays. <i>Physical Review Letters</i> , 2005 , 94, 161803	7.4	92
1021	Evidence for Exotic Hadron Contributions to $\bar{b} \rightarrow J/\psi \bar{b}$ Decays. <i>Physical Review Letters</i> , 2016 , 117, 082003	7.4	91
1020	Search for lepton flavor violation in the decay $\tau^+ \rightarrow e^+ \gamma$. <i>Physical Review Letters</i> , 2006 , 96, 041801	7.4	91
1019	Dalitz-plot analysis of the decays $B \rightarrow K \pi \pi$. <i>Physical Review D</i> , 2005 , 72,	4.9	89
1018	Measurement of ρ polarization in collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2013 , 73, 2631	4.2	87
1017	Differential branching fraction and angular analysis of the decay $(B_s^0) \rightarrow \rho^0 \pi^0$. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	86
1016	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
1015	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
1014	Measurement of the $\bar{B} \rightarrow \bar{D} \pi$ and $\bar{B} \rightarrow \bar{D}^* \pi$ transition form factors. <i>Physical Review D</i> , 2011 , 84,	4.9	86
1013	Study of $D_s J$ decays to $D^* K$ in inclusive e^+e^- interactions. <i>Physical Review D</i> , 2009 , 80,	4.9	86
1012	$e^+e^- \rightarrow K^+ K^0 \pi^+ K^0 \pi^0$ and $K^+ K^0 \pi^+ K^0 \pi^0$ cross sections measured with initial-state radiation. <i>Physical Review D</i> , 2007 , 76,	4.9	86

1011	Observation of an excited charm baryon Omega c* decaying to Omega c0gamma. <i>Physical Review Letters</i> , 2006 , 97, 232001	7.4	86
1010	Measurements of the B->Xs branching fraction and photon spectrum from a sum of exclusive final states. <i>Physical Review D</i> , 2005 , 72,	4.9	86
1009	Model-Independent Evidence for J/psi Contributions to [b]^{0}->J/psi K^{*} Decays. <i>Physical Review Letters</i> , 2016 , 117, 082002	7.4	85
1008	Exclusive J/psi and psi(2S) production in pp collisions at sqrt{s} = 7 TeV. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2013 , 40, 045001	2.9	85
1007	Measurement of time-dependent CP asymmetry in B0->ccK^{*}0 decays. <i>Physical Review D</i> , 2009 , 79,	4.9	84
1006	Measurement of production in collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2012 , 72, 2025	4.2	83
1005	Updated measurements of exclusive J/psi and psi(2S) production cross-sections in pp collisions at sqrt{s}=7 TeV. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2014 , 41, 055002	2.9	83
1004	Measurement of branching fractions and rate asymmetries in the rare decays B->K^{*}pi. <i>Physical Review D</i> , 2012 , 86,	4.9	82
1003	Study of e+e->pi+ pi0, pi+ pi0 using initial state radiation with BABAR. <i>Physical Review D</i> , 2007 , 76,	4.9	81
1002	Search for B->K^{*}pi and invisible quarkonium decays. <i>Physical Review D</i> , 2013 , 87,	4.9	80
1001	Evidence for the decay . <i>Nuclear Physics B</i> , 2014 , 886, 665-680	2.8	79
1000	Observation of the semileptonic decays B->D^{*}tau-nutau and evidence for B->D tau-nutau. <i>Physical Review Letters</i> , 2008 , 100, 021801	7.4	79
999	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
998	First observation of CP violation in the decays of B(s)0 mesons. <i>Physical Review Letters</i> , 2013 , 110, 221601	7.4	78
997	Study of e+e->pp via initial-state radiation at BABAR. <i>Physical Review D</i> , 2013 , 87,	4.9	77
996	Study of B->pi and B->pi decays and determination of Vub . <i>Physical Review D</i> , 2011 , 83,	4.9	76
995	Study of the X(3872) and Y(4260) in B0->J/psi pi0 and B->J/psi pi decays. <i>Physical Review D</i> , 2006 , 73,	4.9	76
994	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

993	Search for Dark Photons Produced in 13 TeV pp Collisions. <i>Physical Review Letters</i> , 2018 , 120, 061801	7.4	75
992	Study of the reaction $e^+e^- \rightarrow J/\psi \gamma$ via initial-state radiation at BABAR. <i>Physical Review D</i> , 2012 , 86,	4.9	75
991	Exclusive initial-state-radiation production of the $D D^*$, $D^* D^*$ and $D^* D^*$ systems. <i>Physical Review D</i> , 2009 , 79,	4.9	75
990	Study of $B \rightarrow X(3872) K$, with $X(3872) \rightarrow J/\psi \pi$ <i>Physical Review D</i> , 2008 , 77,	4.9	75
989	Study of the exclusive initial-state-radiation production of the $D D^*$ system. <i>Physical Review D</i> , 2007 , 76,	4.9	73
988	Time-integrated and time-dependent angular analyses of $B \rightarrow J/\psi A$ measurement of $\cos 2\alpha$ with no sign ambiguity from strong phases. <i>Physical Review D</i> , 2005 , 71,	4.9	72
987	Search for a charged partner of the X(3872) in the B meson decay $B \rightarrow X K$, $X \rightarrow J/\psi$. <i>Physical Review D</i> , 2005 , 71,	4.9	71
986	Observation of a narrow meson decaying to $D_s^+ \pi^-$ at a mass of 2.458 GeV/c ² . <i>Physical Review D</i> , 2004 , 69,	4.9	71
985	Search for Majorana neutrinos in $B^- \rightarrow \mu^+ \mu^-$ decays. <i>Physical Review Letters</i> , 2014 , 112, 131802	7.4	70
984	Dalitz plot analysis of $B_s^0 \rightarrow D^0 K^+ K^-$ decays. <i>Physical Review D</i> , 2014 , 90,	4.9	70
983	Measurement of CP violation in the phase space of $B^0 \rightarrow K^+ \mu^- \mu^+$ and $B^0 \rightarrow K^+ K^- K^+$ decays. <i>Physical Review Letters</i> , 2013 , 111, 101801	7.4	70
982	Measurement of D^0 - D^0 mixing parameters using $D^0 \rightarrow K(S)(0) \mu^+ \mu^-$ and $D^0 \rightarrow K(S)(0) K^+ K^-$ decays. <i>Physical Review Letters</i> , 2010 , 105, 081803	7.4	70
981	Observation of CP violation in $B^0 \rightarrow D K^0$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 712, 203-212	4.2	69
980	Study of D^* meson decays to $D^+ \pi^- \pi^0$ and $D^{*+} \pi^0$ final states in pp collisions. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	69
979	Observation of excited $\Lambda_b(0)$ baryons. <i>Physical Review Letters</i> , 2012 , 109, 172003	7.4	68
978	Averages of b-hadron, c-hadron, and (tau)-lepton properties as of 2018. <i>European Physical Journal C</i> , 2021 , 81, 1	4.2	68
977	Evidence for the eta(b)(1S) meson in radiative Upsilon(2S) decay. <i>Physical Review Letters</i> , 2009 , 103, 161801	7.4	67
976	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

975	Measurement of CP violation and the B_s^0 meson decay width difference with $B_s^0 \rightarrow J/\psi + K^0$ and $B_s^0 \rightarrow J/\psi + K^0_S$ decays. <i>Physical Review D</i> , 2013 , 87,	4.9	66
974	First observation of $B_s^0 \rightarrow J/\psi(980)$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 698, 115-122	4.2	66
973	Measurement of the $B^0 \rightarrow \phi K^0$ decay amplitudes. <i>Physical Review Letters</i> , 2004 , 93, 231804	7.4	66
972	Search for a muonic dark force at BaBar. <i>Physical Review D</i> , 2016 , 94,	4.9	66
971	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
970	Search for Hidden-Sector Bosons in $B(0) \rightarrow K^{*0}(\rho^+ \rho^-)$ Decays. <i>Physical Review Letters</i> , 2015 , 115, 161802	7.4	65
969	Evidence of $B^+ \rightarrow \mu^+ \mu^0$ decays with hadronic B tags. <i>Physical Review D</i> , 2013 , 88,	4.9	65
968	Search for $B^+ \rightarrow \mu^+ \mu^0$ recoiling against $B \rightarrow D^0 X$. <i>Physical Review D</i> , 2010 , 81,	4.9	65
967	Search for T, CP, and CPT violation in B^0 - \bar{B}^0 mixing with inclusive dilepton events. <i>Physical Review Letters</i> , 2006 , 96, 251802	7.4	65
966	Measurement of the $B^+ \rightarrow \rho^+ K^+$ branching fraction and study of the decay dynamics. <i>Physical Review D</i> , 2005 , 72,	4.9	65
965	Search for lepton-flavor violation in the decay $\tau^+ \rightarrow l^+ l^+ l^-$. <i>Physical Review Letters</i> , 2004 , 92, 121801	7.4	65
964	Measurement of the Cabibbo-Kobayashi-Maskawa angle γ in $B^+ \rightarrow D^* K^+ \pi^0$ decays with a Dalitz analysis of $D^+ \rightarrow K^0(S) \pi^+ \pi^0$. <i>Physical Review Letters</i> , 2005 , 95, 121802	7.4	65
963	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
962	Search for Structure in the $B_{s^*}^0 \rightarrow \mu^+ \mu^-$ Invariant Mass Spectrum. <i>Physical Review Letters</i> , 2016 , 117, 152003	7.4	64
961	Differential branching fraction and angular analysis of the $B^+ \rightarrow K^+ \rho^+ \mu^+ \mu^-$ decay. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	63
960	Measurement of (2) meson production in collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2012 , 72, 2100	4.2	63
959	Angular distributions in the decay $B \rightarrow K^* l^+ l^-$ <i>Physical Review D</i> , 2009 , 79,	4.9	63
958	Improved measurement of the CKM angle γ in $B^+ \rightarrow D^{*0} K^+ \pi^0$ decays with a Dalitz plot analysis of D decays to $K_S^0 \mu^+ \mu^-$ and $K_S^0 K^+ K^-$ <i>Physical Review D</i> , 2008 , 78,	4.9	63

957	Search for $B^+ \rightarrow \mu^+ \nu_\mu$ decays with hadronic B tags. <i>Physical Review D</i> , 2008 , 77,	4.9	62
956	Measurement of CP violation in the phase space of $B^0 \rightarrow K^+ K^- \pi^0$ and $B^0 \rightarrow \pi^+ \pi^- \pi^0$ decays. <i>Physical Review Letters</i> , 2014 , 112, 011801	7.4	61
955	Observation of overlapping spin-1 and spin-3 $D_0 K^-$ resonances at mass 2.86 GeV/c ² . <i>Physical Review Letters</i> , 2014 , 113, 162001	7.4	61
954	Study of excited charm-strange baryons with evidence for new baryons $\bar{\Lambda}(3055)^+$ and $\bar{\Lambda}(3123)^+$. <i>Physical Review D</i> , 2008 , 77,	4.9	61
953	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
952	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
951	Observation of the $\bar{D}_2(2P)$ meson in the reaction $\bar{D} \rightarrow D D^*$ at BABAR. <i>Physical Review D</i> , 2010 , 81,	4.9	60
950	Search for CP violation in the decays $D^0 \rightarrow K^- K^+$ and $D^0 \rightarrow \pi^- \pi^+$. <i>Physical Review Letters</i> , 2008 , 100, 061803	7.4	60
949	Measurements of the absolute branching fractions of $B^+ \rightarrow K^+ X(cc)$. <i>Physical Review Letters</i> , 2006 , 96, 052002	7.4	60
948	Search for $A^{\prime} \rightarrow \pi^+ \pi^-$ Decays. <i>Physical Review Letters</i> , 2020 , 124, 041801	7.4	60
947	Study of the reaction $e^+ e^- \rightarrow (2S) \mu^+ \mu^-$ via initial-state radiation at BaBar. <i>Physical Review D</i> , 2014 , 89,	4.9	59
946	Measurement of the isospin asymmetry in $B \rightarrow K^*(*) \mu^+ \mu^-$ decays. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	59
945	Precision measurement of the $e^+ e^- \rightarrow K^+ K^0$ cross section with the initial-state radiation method at BABAR. <i>Physical Review D</i> , 2013 , 88,	4.9	59
944	Analysis of the resonant components in $B^0 \rightarrow J/\psi \mu^+ \mu^-$. <i>Physical Review D</i> , 2012 , 86,	4.9	59
943	Measurement of the \bar{D} and D transition form factors at $q^2 = 112 \text{ GeV}^2$. <i>Physical Review D</i> , 2006 , 74,	4.9	59
942	Measurement of the electron energy spectrum and its moments in inclusive $B \rightarrow X e \mu$ decays. <i>Physical Review D</i> , 2004 , 69,	4.9	59
941	Study of inclusive production of charmonium mesons in B decays. <i>Physical Review D</i> , 2003 , 67,	4.9	59
940	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

939	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
938	Study of CP violation in Dalitz-plot analyses of $B^0 \rightarrow K+K\bar{S}^0$, $B^+ \rightarrow K+K\bar{K}^+$, and $B^+ \rightarrow K\bar{S}^0 K^0 K^+$. <i>Physical Review D</i> , 2012 , 85,	4.9	58
937	Direct CP, lepton flavor, and isospin asymmetries in the decays $B \rightarrow K^{(*)} l^+ l^-$. <i>Physical Review Letters</i> , 2009 , 102, 091803	7.4	58
936	Search for the rare decays $B_s^0 \rightarrow \mu^+ \mu^-$ and $B^0 \rightarrow \mu^+ \mu^-$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 699, 330-340	4.2	58
935	Evidence for direct CP violation from Dalitz-plot analysis of $B^+ \rightarrow K^+ \pi^+ \pi^-$. <i>Physical Review D</i> , 2008 , 78,	4.9	58
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933	Measurement of $ V_{cb} $ and the form-factor slope in $B \rightarrow D l^+ \nu(l)$ decays in events tagged by a fully reconstructed B meson. <i>Physical Review Letters</i> , 2010 , 104, 011802	7.4	57
932	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
931	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
930	Amplitude analysis of $B^+ \rightarrow J/\psi K^+$ decays. <i>Physical Review D</i> , 2017 , 95,	4.9	56
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928	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
927	Observation of the decay $B(c)^+ \rightarrow B(s)^0 \pi^+$. <i>Physical Review Letters</i> , 2013 , 111, 181801	7.4	55
926	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
925	Search for the X(4140) state in $B^+ \rightarrow J/\psi K^+$ decays. <i>Physical Review D</i> , 2012 , 85,	4.9	55
924	Measurement of the $B \rightarrow X_s \gamma$ branching fraction and photon energy spectrum using the recoil method. <i>Physical Review D</i> , 2008 , 77,	4.9	55
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922	Evidence for the rare decay $B \rightarrow K^* l^+ l^-$ and measurement of the $B \rightarrow K l^+ l^-$ branching fraction. <i>Physical Review Letters</i> , 2003 , 91, 221802	7.4	55

921	Differential branching fraction and angular analysis of $B \rightarrow D^* \ell^+ \ell^-$ decays. <i>Journal of High Energy Physics</i> , 2015 , 2015,	5.4	54
920	Measurement of resonant and CP components in $B \rightarrow D^* \ell^+ \ell^-$ decays. <i>Physical Review D</i> , 2014 , 89,	4.9	54
919	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
918	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
917	Dalitz plot analysis of $B_0 \rightarrow D^* \ell^+ \ell^-$ decays. <i>Physical Review D</i> , 2015 , 92,	4.9	53
916	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
915	Measurement of the resonant and CP components in $B \rightarrow J/\psi \ell^+ \ell^-$ decays. <i>Physical Review D</i> , 2014 , 90,	4.9	52
914	Study of $X(3915) \rightarrow J/\psi \pi$ two-photon collisions. <i>Physical Review D</i> , 2012 , 86,	4.9	52
913	Search for low-mass dark-sector Higgs bosons. <i>Physical Review Letters</i> , 2012 , 108, 211801	7.4	52
912	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
911	Dalitz plot analysis of the decay $B^0 \rightarrow K^* K^* K^0$. <i>Physical Review D</i> , 2006 , 74,	4.9	52
910	Measurement of the branching fraction and photon energy moments of $B \rightarrow X_s \gamma$ and $A(\text{CP})(B \rightarrow X(s+d) \gamma)$. <i>Physical Review Letters</i> , 2006 , 97, 171803	7.4	52
909	Measurement of the $B_0 \rightarrow \pi(-) \ell^+ \nu$ 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
908	Observation of CP Violation in Charm Decays. <i>Physical Review Letters</i> , 2019 , 122, 211803	7.4	51
907	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
906	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
905	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
904	Measurement of branching fractions for exclusive B decays to charmonium final states. <i>Physical Review D</i> , 2002 , 65,	4.9	51

903	Observation of a New χ_{c1} Resonance. <i>Physical Review Letters</i> , 2018 , 121, 072002	7.4	50
902	First observation of the decay $B(c)^+ \rightarrow J/\psi \pi^+$. <i>Physical Review Letters</i> , 2012 , 108, 251802	7.4	50
901	Observation of the decay $B \rightarrow J/\psi \eta$ and search for $X(3872) \rightarrow J/\psi \eta$. <i>Physical Review Letters</i> , 2004 , 93, 041801	7.4	50
900	Precision measurement of the B_s^0 oscillation frequency with the decay $B_s^0 \rightarrow D_s^+ D_s^-$. <i>New Journal of Physics</i> , 2013 , 15, 053021	2.9	49
899	Analysis of the resonant components in $B \rightarrow J/\psi \pi^+ \pi^-$. <i>Physical Review D</i> , 2013 , 87,	4.9	49
898	Search for long-lived scalar particles in $B^+ \rightarrow K^+ \pi^+ \pi^-$ decays. <i>Physical Review D</i> , 2017 , 95,	4.9	48
897	Precision measurement of D meson mass differences. <i>Journal of High Energy Physics</i> , 2013 , 2013,	5.4	48
896	Study of $B \rightarrow D^{(*)} s J + D^{(*)} s$ decays. <i>Physical Review Letters</i> , 2004 , 93, 181801	7.4	48
895	Measurements of the S-wave fraction in $B^0 \rightarrow K^+ K^- \pi^+ \pi^-$ 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
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893	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
892	Searches for Majorana neutrinos in B^0 decays. <i>Physical Review D</i> , 2012 , 85,	4.9	47
891	Measurements of $B(B \rightarrow \bar{D}^+ p)$ and $B(B \rightarrow \bar{D}^0 p)$ and studies of \bar{D}^+ resonances. <i>Physical Review D</i> , 2008 , 78,	4.9	47
890	Measurement of branching fractions and CP and isospin asymmetries for $B \rightarrow K^* \pi$. <i>Physical Review D</i> , 2004 , 70,	4.9	47
889	Measurement of CP-Averaged Observables in the $B^0 \rightarrow K^{*0} \pi^+ \pi^-$ Decay. <i>Physical Review Letters</i> , 2020 , 125, 011802	7.4	46
888	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
887	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
886	Measurements of branching fractions and CP-violating asymmetries in $B^0 \rightarrow \rho^+ \pi^-$ decays. <i>Physical Review Letters</i> , 2003 , 91, 201802	7.4	46

885	Measurement of the $B \rightarrow J/\psi K^*(892)$ decay amplitudes. <i>Physical Review Letters</i> , 2001 , 87, 241801	7.4	46
884	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
883	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
882	Observation of D^0 - \bar{D}^0 oscillations. <i>Physical Review Letters</i> , 2013 , 110, 101802	7.4	45
881	A study of B decays involving η and η' mesons. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1997 , 74, 263-273		45
880	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
879	Amplitude analysis of $B \rightarrow D^+ \eta$ decays. <i>Physical Review D</i> , 2016 , 94,	4.9	45
878	Measurement of the Lifetime of the Doubly Charmed Baryon Ξ_{cc}^{++} . <i>Physical Review Letters</i> , 2018 , 121, 052002	7.4	44
877	Precision measurement of the ratio of the α . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 734, 122-130	4.2	43
876	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
875	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
874	Observation of a resonance in $B^+ \rightarrow K^+ \eta$ decays at low recoil. <i>Physical Review Letters</i> , 2013 , 111, 112003	7.4	43
873	Measurements of the semileptonic decays $B \rightarrow D^0 \ell^+ \ell^-$ and $B \rightarrow D^{*0} \ell^+ \ell^-$ using a global fit to $D X^0$ final states. <i>Physical Review D</i> , 2009 , 79,	4.9	43
872	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
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870	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
869	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
868	Measurement of the B_s^0 - \bar{B}_s^0 oscillation frequency Γ_{th} in $B_s^0 \rightarrow D_s(B) \eta$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 709, 177-184	4.2	42

867	Measurement of the exclusive Λ 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
866	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
865	Measurement of the ratio of prompt Λ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 718, 431-440	4.2	42
864	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
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862	Limits on Δ lepton-flavor violating decays into three charged leptons. <i>Physical Review D</i> , 2010 , 81,	4.9	42
861	Dalitz plot analysis of $B^0 \rightarrow \pi^+ \pi^-$ decays. <i>Physical Review D</i> , 2009 , 79,	4.9	42
860	Study of $B^0 \rightarrow \pi^+ \pi^-$, $B^0 \rightarrow \pi^+ \pi^0$, and $B^0 \rightarrow K^+ K^-$ decays, and isospin analysis of $B \rightarrow \pi$ decays. <i>Physical Review D</i> , 2007 , 76,	4.9	42
859	Measurement of the $B \rightarrow K^0 \pi^0$ branching fraction. <i>Physical Review D</i> , 2007 , 76,	4.9	42
858	Measurement of the hadronic form factor in $D^0 \rightarrow K^+ \pi^-$ decays. <i>Physical Review D</i> , 2007 , 76,	4.9	42
857	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
856	Search for the doubly charmed baryon (Ξ_{cc}^{++}). <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	41
855	Measurements of the $B^0 \rightarrow J/\psi \pi^0$ decay amplitudes and the B^0 polarisation in pp collisions at $\sqrt{s}=7$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 724, 27-35	4.2	41
854	Measurement of the cross-section ratio $\sigma(B^0 \rightarrow \pi^+ \pi^-) / \sigma(B^0 \rightarrow \pi^+ \pi^0)$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 714, 215-223	4.2	41
853	Dalitz plot analysis of $B^0 \rightarrow D^+ \pi^-$. <i>Physical Review D</i> , 2009 , 79,	4.9	41
852	Search for hadronic decays of a light Higgs boson in the radiative decay $B \rightarrow \gamma \pi^0$. <i>Physical Review Letters</i> , 2011 , 107, 221803	7.4	41
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848	Measurement of the $e^{+}e^{-} \rightarrow pp$ cross section in the energy range from 3.0 to 6.5 GeV. <i>Physical Review D</i> , 2013 , 88,	4.9	40
847	Exclusive measurements of $b \rightarrow s$ transition rate and photon energy spectrum. <i>Physical Review D</i> , 2012 , 86,	4.9	40
846	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
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844	Measurement of the Mass Difference Between Neutral Charm-Meson Eigenstates. <i>Physical Review Letters</i> , 2019 , 122, 231802	7.4	39
843	Opposite-side flavour tagging of mesons at the LHCb experiment. <i>European Physical Journal C</i> , 2012 , 72, 2022	4.2	39
842	Differential branching fraction and angular analysis of the decay $B_{0} \rightarrow K^{*0} \pi$. <i>Physical Review Letters</i> , 2012 , 108, 181806	7.4	39
841	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
840	Observation of B_{0} meson decay to a $1^{-}(1260)\pi^{+}$. <i>Physical Review Letters</i> , 2006 , 97, 051802	7.4	39
839	Search for $B \rightarrow \mu \mu$. <i>Physical Review D</i> , 2007 , 76,	4.9	39
838	Measurement of the pseudoscalar decay constant f_{D} s 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
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834	Time-dependent amplitude analysis of $B_{0} \rightarrow K S_{0} \pi$. <i>Physical Review D</i> , 2009 , 80,	4.9	37
833	Measurement of $B \rightarrow K^{*} \gamma$ branching fractions and charge asymmetries. <i>Physical Review Letters</i> , 2002 , 88, 101805	7.4	37
832	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

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829	Time-dependent and time-integrated angular analysis of $B \rightarrow K_S^0$ and K_S^0 . <i>Physical Review D</i> , 2008 , 78,	4.9	36
828	Measurement of the $B \rightarrow \pi l \nu$ branching fraction and determination of absolute value of V_{ub} with tagged B mesons. <i>Physical Review Letters</i> , 2006 , 97, 211801	7.4	36
827	Observation of the decay $B^+ \rightarrow K^+ K^- \pi^+$. <i>Physical Review Letters</i> , 2007 , 99, 221801	7.4	36
826	Improved limits on the lepton-flavor violating decays $\tau^- \rightarrow l^+ l^-$. <i>Physical Review Letters</i> , 2007 , 99, 251803	7.4	36
825	Measurement of CP asymmetries in $B^0 \rightarrow K^0$ and $B^0 \rightarrow K^+ K^- S^0$ decays. <i>Physical Review D</i> , 2005 , 71,	4.9	36
824	Limits on the decay-rate difference of neutral B mesons and on CP, T, and CPT violation in $B^0\bar{B}^0$ oscillations. <i>Physical Review D</i> , 2004 , 70,	4.9	36
823	Search for $D^0\bar{D}^0$ mixing and a measurement of the doubly Cabibbo-suppressed decay rate in $D^0 \rightarrow K^+ \pi^-$ decays. <i>Physical Review Letters</i> , 2003 , 91, 171801	7.4	36
822	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
821	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
820	Search for massive long-lived particles decaying semileptonically in the LHCb detector. <i>European Physical Journal C</i> , 2017 , 77, 224	4.2	35
819	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
818	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
817	Observation of two new $\Lambda(b)^{-}$ baryon resonances. <i>Physical Review Letters</i> , 2015 , 114, 062004	7.4	35
816	First observation of the decay $B^+ \rightarrow \bar{D}^0 \pi^+$. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	35
815	Measurement of the $\bar{B} \rightarrow \bar{D}$ transition form factor. <i>Physical Review D</i> , 2010 , 81,	4.9	35
814	Search for invisible decays of the Upsilon(1S). <i>Physical Review Letters</i> , 2009 , 103, 251801	7.4	35

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811	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
810	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
809	Amplitude analysis of the $B^+ \rightarrow D^+ D_s^-$ decay. <i>Physical Review D</i> , 2020 , 102,	4.9	34
808	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
807	Measurement of the CP violating phase γ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 707, 497-505	4.2	34
806	Quantum numbers of the X(3872) state and orbital angular momentum in its $D^0 J/\psi$ decay. <i>Physical Review D</i> , 2015 , 92,	4.9	34
805	Measurement of $B(B \rightarrow X_s \gamma)$, the $B \rightarrow X_s \gamma$ 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
804	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
803	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
802	Search for the decay $B^+ \rightarrow K^+ \nu \bar{\nu}$. <i>Physical Review Letters</i> , 2005 , 94, 101801	7.4	34
801	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
800	Measurement of the CP-violating phase γ in $B^0 \rightarrow J/\psi K^0$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 736, 186-195	4.2	33
799	Measurement of the CKM angle Γ from a combination of $B^0 \rightarrow D^0 h^0$ analyses. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 726, 151-163	4.2	33
798	Study of χ_{c0} meson production in pp collisions at $\sqrt{s} = 7$ and 8 TeV. <i>European Physical Journal C</i> , 2014 , 74,	4.2	33
797	Measurement of the γ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 713, 186-195	4.2	33
796	Searches for rare or forbidden semileptonic charm decays. <i>Physical Review D</i> , 2011 , 84,	4.9	33

795	Measurement of decay amplitudes of $B \rightarrow J/\psi K^*$, $(2S)K^*$, and $\psi(1K)^*$ with an angular analysis. <i>Physical Review D</i> , 2007 , 76,	4.9	33
794	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
793	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
792	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
791	Limits on D^0 - \bar{D}^0 mixing and CP violation from the ratio of lifetimes for decay to $K \pi^+$, $K \pi^-$, and $\pi^+ \pi^+$. <i>Physical Review Letters</i> , 2003 , 91, 121801	7.4	33
790	Measurement of the B_c meson lifetime using $B_c \rightarrow \tau \nu$ decays. <i>European Physical Journal C</i> , 2014 , 74, 2839	4.2	32
789	Cross sections for the reactions $e^+ e^- \rightarrow K_S^0 K_L^0$, $K_S^0 K_L^0 \pi^0$ and $K_S^0 K_S^0 K^+$ from events with initial-state radiation. <i>Physical Review D</i> , 2014 , 89,	4.9	32
788	Precision measurement of the $\Lambda(0)$ baryon lifetime. <i>Physical Review Letters</i> , 2013 , 111, 102003	7.4	32
787	Amplitude analysis and branching fraction measurement of $B_c^0 \rightarrow J/\psi K^+$. <i>Physical Review D</i> , 2013 , 87,	4.9	32
786	Study of $B^0 \rightarrow \pi^+ \pi^-$ and $B^0 \rightarrow \pi^+ \pi^- K^0$ decays at BABAR. <i>Physical Review D</i> , 2008 , 77,	4.9	32
785	Measurements of CP-violating asymmetries in the decay $B^0 \rightarrow K^+ K^- K^0$. <i>Physical Review Letters</i> , 2007 , 99, 161802	7.4	32
784	Search for lepton-flavor and lepton-number violation in the decay $\tau(-) \rightarrow l(-) h^+(-) h'^{-}$. <i>Physical Review Letters</i> , 2005 , 95, 191801	7.4	32
783	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
782	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
781	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
780	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
779	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
778	Measurement of the B_c meson lifetime. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 718, 902-909	4.2	31

777	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	3 ¹
776	Dalitz plot analysis of $D_{s^+} \rightarrow \pi^+ \pi^0$. <i>Physical Review D</i> , 2009 , 79,	4.9	3 ¹
775	Improved measurement of CP violation in neutral B decays to $c\bar{c}$. <i>Physical Review Letters</i> , 2007 , 99, 171803	7.4	3 ¹
774	Measurement of CP violation parameters with a Dalitz plot analysis of $B_{\{+/-\}} \rightarrow D\{\pi^+\pi^-\pi^0\}K_{\{+/-\}}$. <i>Physical Review Letters</i> , 2007 , 99, 251801	7.4	3 ¹
773	Measurement of the B^+/B^0 production ratio from the $\Upsilon(4S)$ meson using $B^+ \rightarrow J/\psi K^+$ and $B^0 \rightarrow J/\psi K_S^0$ decays. <i>Physical Review D</i> , 2004 , 69,	4.9	3 ¹
772	Improved Measurement of the Cabibbo-Kobayashi-Maskawa angle α using $B^0(B^+) \rightarrow \rho^+\rho^0$ decays. <i>Physical Review Letters</i> , 2005 , 95, 041805	7.4	3 ¹
771	Measurement of the decays $B \rightarrow \phi K$ and $B \rightarrow \phi K^*$. <i>Physical Review Letters</i> , 2001 , 87, 151801	7.4	3 ¹
770	Study of the kinematic dependences of Υb production in pp collisions and a measurement of the $\Upsilon b \rightarrow \psi c$ branching fraction. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	3 ⁰
769	Search for $D(s)^+ \rightarrow \pi^+ \pi^0$ and $D(s)^+ \rightarrow \pi^+ \pi^+$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 724, 203-212	4.2	3 ⁰
768	First observation and amplitude analysis of the $B_{\bar{c}} \rightarrow D^+ K_{\bar{c}}^0$ decay. <i>Physical Review D</i> , 2015 , 91,	4.9	3 ⁰
767	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
766	Measurement of $D^0\bar{D}^0$ mixing using the ratio of lifetimes for the decays $D^0 \rightarrow K_{\bar{c}}^0$ and $K^+ K_{\bar{c}}^0$. <i>Physical Review D</i> , 2009 , 80,	4.9	3 ⁰
765	Dalitz plot analysis of $D_{s^+} \rightarrow K^+ K_{\bar{c}}^0$. <i>Physical Review D</i> , 2011 , 83,	4.9	3 ⁰
764	Amplitude analysis of the decay $B_{\bar{c}} \rightarrow \pi^+ \pi^0$. <i>Physical Review D</i> , 2005 , 72,	4.9	3 ⁰
763	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
762	Precision measurement of the $\bar{\Xi}^+$ baryon mass. <i>Physical Review D</i> , 2005 , 72,	4.9	3 ⁰
761	Observation of the $\Upsilon b \rightarrow J/\psi \psi$ decay. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	2 ⁹
760	Observation of photon polarization in the $b \rightarrow s\gamma$ transition. <i>Physical Review Letters</i> , 2014 , 112, 161801	7.4	2 ⁹

759	Search for the rare decays . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 708, 55-67	4.2	29
758	Measurement of the ratio of branching fractions $B(B_0 \rightarrow K^* \pi) / B(B_{s0} \rightarrow \pi)$ and the direct CP asymmetry in $B_0 \rightarrow K^* \pi$ <i>Nuclear Physics B</i> , 2013 , 867, 1-18	2.8	29
757	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	29
756	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
755	Observation of direct CP violation in the measurement of the Cabibbo-Kobayashi-Maskawa angle α with $B_{\bar{d}} \rightarrow D^*(K^*)_{\bar{d}}$ decays. <i>Physical Review D</i> , 2013 , 87,	4.9	29
754	Measurement of the $B_0 \rightarrow \pi \pi$ and $B^+ \rightarrow \pi \pi$ branching fractions, the $B_0 \rightarrow \pi \pi$ and $B^+ \rightarrow \pi \pi$ form-factor shapes, and determination of $ V_{ub} $. <i>Physical Review D</i> , 2011 , 83,	4.9	29
753	Study of $B \rightarrow D^*(J)^*$ decays and measurement of D_s and $D_s J(2460)$ branching fractions. <i>Physical Review D</i> , 2006 , 74,	4.9	29
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751	Measurement of the semileptonic CP asymmetry in B_0 - B_0 mixing. <i>Physical Review Letters</i> , 2015 , 114, 041601	7.4	28
750	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
749	Observation of the decay $B_{c^+} \rightarrow \psi(2S)$. <i>Physical Review D</i> , 2013 , 87,	4.9	28
748	Observation of the $(13D_J)$ bottomonium state through decays to $\psi(1S)$. <i>Physical Review D</i> , 2010 , 82,	4.9	28
747	Study of $B \rightarrow X \pi$ decays and determination of $ V_{td}/V_{ts} $. <i>Physical Review D</i> , 2010 , 82,	4.9	28
746	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
745	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
744	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
743	Measurement of CP-violating asymmetries in $B_0 \rightarrow \pi \pi$ using a time-dependent Dalitz plot analysis. <i>Physical Review D</i> , 2007 , 76,	4.9	28
742	Evidence for the $B_0 \rightarrow p \bar{p} K^* 0$ and $B^+ \rightarrow \bar{p} K^* +$ decays and study of the decay dynamics of B meson decays into $p \bar{p} \pi$ final states. <i>Physical Review D</i> , 2007 , 76,	4.9	28

741	Study of $B_{\bar{c}}^0 \rightarrow J/\psi + K_{\bar{c}}^0$ and search for $B^0 \rightarrow J/\psi$ at BaBar. <i>Physical Review D</i> , 2015 , 91,	4.9	27
740	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
739	Study of (χ_{c0}) production and cold nuclear matter effects in pPb collisions at $(\sqrt{s_{NN}}) = 5$ TeV. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	27
738	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
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734	Search for the rare decay $B^0 \rightarrow \tau^+ \tau^-$ at BABAR. <i>Physical Review Letters</i> , 2006 , 96, 241802	7.4	27
733	Study of $B \rightarrow \pi^+ \pi^-$ and $B \rightarrow \rho^+ \rho^-$ decays and determination of $ V_{ub} $. <i>Physical Review D</i> , 2005 , 72,	4.9	27
732	Measurements of the decays $B^0 \rightarrow D^0 \pi^+ \pi^-$, $B^0 \rightarrow D^0 \pi^+ \pi^0$, $B^0 \rightarrow D^0 \pi^+ \rho^-$, and $B^0 \rightarrow D^0 \pi^+ \rho^0$. <i>Physical Review D</i> , 2006 , 74,	4.9	27
731	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
730	Prompt and nonprompt J/ψ production and nuclear modification in pPb collisions at $\sqrt{s_{NN}} = 8.16$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017 , 774, 159-178	4.2	26
729	Measurement of b hadron fractions in 13 TeV pp collisions. <i>Physical Review D</i> , 2019 , 100,	4.9	26
728	Search for long-lived particles decaying to jet pairs. <i>European Physical Journal C</i> , 2015 , 75, 152	4.2	26
727	Precision measurement of the mass and lifetime of the Λ_b^0 baryon. <i>Physical Review Letters</i> , 2014 , 113, 242002	7.4	26
726	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
725	Measurement of CP observables in $B_{\bar{c}}^0 \rightarrow D^0 \pi^+ \pi^-$ decays and constraints on the CKM angle α . <i>Physical Review D</i> , 2010 , 82,	4.9	26
724	Measurement of semileptonic B decays into orbitally excited charmed mesons. <i>Physical Review Letters</i> , 2009 , 103, 051803	7.4	26

723	Measurements of the Γ mass and the mass difference of the B^0 and B^0 at BABAR. <i>Physical Review D</i> , 2009 , 80,	4.9	26
722	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
721	Observation of the decay $B^0 \rightarrow \pi^0 \pi^0$ and measurement of the branching fraction and polarization. <i>Physical Review D</i> , 2004 , 69,	4.9	26
720	Measurement of branching fractions and charge asymmetries for exclusive B decays to charmonium. <i>Physical Review Letters</i> , 2005 , 94, 141801	7.4	26
719	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
718	Evidence for an resonance in decays. <i>European Physical Journal C</i> , 2018 , 78, 1019	4.2	26
717	Measurement of the phase difference between short- and long-distance amplitudes in the $B^0 \rightarrow \pi^+ \pi^-$ decay. <i>European Physical Journal C</i> , 2017 , 77, 161	4.2	25
716	Model-Independent Study of Structure in $B^+ \rightarrow D^+ D^0 K^+$ Decays. <i>Physical Review Letters</i> , 2020 , 125, 242001	7.4	25
715	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
714	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
713	Evidence for the decay $B^0 \rightarrow J/\psi \pi^0$ and measurement of the relative branching fractions of B_s^0 meson decays to $J/\psi \pi^0$ and $J/\psi \pi^+$. <i>Nuclear Physics B</i> , 2013 , 867, 547-566	2.8	25
712	Model-independent confirmation of the $Z(4430)$ state. <i>Physical Review D</i> , 2015 , 92,	4.9	25
711	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
710	Studies of beauty baryon decays to $D^0 p$ and $\bar{D}^0 h^+$ final states. <i>Physical Review D</i> , 2014 , 89,	4.9	25
709	Search for the lepton-flavor-violating decays $B(s)0 \rightarrow e(\mu)\tau$ and $B0 \rightarrow e(\mu)\tau$. <i>Physical Review Letters</i> , 2013 , 111, 141801	7.4	25
708	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
707	First observation of $B^0 \rightarrow D_s^{*2} X$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 698, 14-20	4.2	25
706	Analysis of the $D^+ \rightarrow K^+ e^+ \pi^0$ decay channel. <i>Physical Review D</i> , 2011 , 83,	4.9	25

705	Study of hadronic transitions between Ξ states and observation of $(\Xi_{cb}^+ \rightarrow \Xi_{cb}^0)$ decay. <i>Physical Review D</i> , 2008 , 78,	4.9	25
704	Dalitz plot analysis of the decay $B_0(B_{cb}^0) \rightarrow K \Xi_{cb}^0$. <i>Physical Review D</i> , 2008 , 78,	4.9	25
703	Study of the decay $D_{s^{*+}} \rightarrow K + K \Xi_{cb}^+$. <i>Physical Review D</i> , 2008 , 78,	4.9	25
702	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
701	Measurement of the $B_0 \rightarrow D^* D_{s^{*+}}$ and $D_{s^{*+}} \rightarrow \Xi_{cb}^+$ branching fractions. <i>Physical Review D</i> , 2005 , 71,	4.9	25
700	Measurement of the direct CP asymmetry in $b \rightarrow s$ gamma Decays. <i>Physical Review Letters</i> , 2004 , 93, 021804	4.9	25
699	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
698	Search for $B^+ \rightarrow K^+ \Xi_{cb}^+ \Xi_{cb}^-$ at the BaBar Experiment. <i>Physical Review Letters</i> , 2017 , 118, 031802	7.4	24
697	Measurement of charged particle multiplicities in pp collisions at ($\sqrt{s}=7 \sim 8$ TeV) in the forward region. <i>European Physical Journal C</i> , 2012 , 72, 1	4.2	24
696	Measurement of the CP -violating phase $\arg(B_0 \rightarrow J/\psi)$ decays and limits on penguin effects. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015 , 742, 38-49	4.2	24
695	First observation of a baryonic B_{cb}^+ decay. <i>Physical Review Letters</i> , 2014 , 113, 152003	7.4	24
694	Study of D_{sJ} decays to $\{D^+ K_{\mathcal{S}}^0\}$ and $D_0 K^+$ final states in pp collisions. <i>Journal of High Energy Physics</i> , 2012 , 2012,	5.4	24
693	Search for CP violation in the decay $B_{cb}^+ \rightarrow K_{S0}^0 \Xi_{cb}^+$. <i>Physical Review D</i> , 2012 , 85,	4.9	24
692	Measurement of the absolute branching fractions for $D_{s^*} \rightarrow \Xi_{cb}^+$ and extraction of the decay constant f_{D_s} . <i>Physical Review D</i> , 2010 , 82,	4.9	24
691	Search for lepton-number violating processes in $B^+ \rightarrow h^+ l^+$ decays. <i>Physical Review D</i> , 2012 , 85,	4.9	24
690	Measurement of time dependent CP asymmetry parameters in B_0 meson decays to K_{S0} , Ξ_{cb}^0 , and $\Xi_{cb}^+ K_{S0}$. <i>Physical Review D</i> , 2009 , 79,	4.9	24
689	Measurement of the $B_{cb}^+ \rightarrow \Xi_{cb}^+$ branching fraction and a search for a second-class current in the $B_{cb}^+ \rightarrow \Xi_{cb}^+ (958) \Xi_{cb}^+$ decay. <i>Physical Review D</i> , 2008 , 77,	4.9	24
688	Measurement of the branching fraction, polarization, and CP asymmetries in $B_0 \rightarrow \Xi_{cb}^0$ decay, and implications for the CKM angle β . <i>Physical Review D</i> , 2008 , 78,	4.9	24

687	Amplitude analysis of the $B^+ \rightarrow \rho^+ K^*(892)^+ \pi^-$ decay. <i>Physical Review Letters</i> , 2007 , 99, 201802	7.4	24
686	Amplitude analysis of the decay $D^0 \rightarrow K^+ K^- \pi^0$. <i>Physical Review D</i> , 2007 , 76,	4.9	24
685	Measurement of branching fractions and charge asymmetries in $B^+ \rightarrow \rho^+ \pi^0$ and $B^+ \rightarrow \rho^0 \pi^+$ decays, and search for $B^0 \rightarrow \rho^0 \pi^0$. <i>Physical Review Letters</i> , 2004 , 93, 051802	7.4	24
684	Measurement of the $B^0 \rightarrow K^{*0} K^0$ and $B^+ \rightarrow K^{*0} K^+$ branching fractions. <i>Physical Review D</i> , 2004 , 70,	4.9	24
683	Search for the decay $B^0 \rightarrow p \bar{p}$. <i>Physical Review D</i> , 2004 , 69,	4.9	24
682	Measurement of the branching fraction for inclusive semileptonic B meson decays. <i>Physical Review D</i> , 2003 , 67,	4.9	24
681	Measurement of B^0 - B^0 flavor oscillations in hadronic B^0 decays. <i>Physical Review Letters</i> , 2002 , 88, 221802	7.4	24
680	Search for the rare decay $D^0 \rightarrow \mu^+ \mu^-$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 725, 15-24	4.2	23
679	Measurement of the shape of the $B^0 \rightarrow \mu^+ \mu^-$ differential decay rate. <i>Physical Review D</i> , 2017 , 96,	4.9	23
678	Updated search for long-lived particles decaying to jet pairs. <i>European Physical Journal C</i> , 2017 , 77, 812	4.2	23
677	Measurement of the $D^0 \rightarrow \mu^+ \mu^-$ 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
676	Measurement of the ratio of B_c^+ branching fractions to J/ψ and J/ψ final states. <i>Physical Review D</i> , 2014 , 90,	4.9	23
675	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
674	Determination of $f(s)/f(d)$ for 7 TeV pp collisions and measurement of the $B^0 \rightarrow D^- K^+$ branching fraction. <i>Physical Review Letters</i> , 2011 , 107, 211801	7.4	23
673	Search for CP violation in neutral D meson Cabibbo-suppressed three-body decays. <i>Physical Review D</i> , 2008 , 78,	4.9	23
672	Measurements of branching fraction, polarization, and charge asymmetry of $B^{(\pm)} \rightarrow \rho^{(\pm)} \rho^{(0)}$ and a search for $B^{(\pm)} \rightarrow \rho^{(\pm)} f_0(980)$. <i>Physical Review Letters</i> , 2006 , 97, 261801	7.4	23
671	Measurement of the total width, the electronic width, and the mass of the $\Upsilon(10580)$ resonance. <i>Physical Review D</i> , 2005 , 72,	4.9	23
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668	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
667	Measurement of the CKM angle Γ from a combination of LHCb results. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	23
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665	Search for the lepton flavour violating decay $B \rightarrow \mu \tau \mu$. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	22
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661	Search for lepton-number violating $B^+ \rightarrow X \mu \tau$ decays. <i>Physical Review D</i> , 2014 , 89,	4.9	22
660	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
659	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
658	Observation of the Decays $B^0 \rightarrow \pi^+ \pi^- \rho^0$ and $B^0 \rightarrow \pi^+ \pi^- \rho^+$. <i>Physical Review Letters</i> , 2017 , 119, 062001	7.4	22
657	Measurement of CP Violation in $B^0 \rightarrow J/\psi K^0$ Decays. <i>Physical Review Letters</i> , 2015 , 115, 031601	7.4	22
656	Measurement of the forward-backward asymmetry in $Z/\gamma \rightarrow \tau^+ \tau^-$ decays and determination of the effective weak mixing angle. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	22
655	Measurement of the $B^0 B^0$ and $B_s^0 B_s^0$ production asymmetries in pp collisions at $\sqrt{s}=7$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 739, 218-228	4.2	22
654	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
653	Search for $b \rightarrow u$ transitions in $B \rightarrow DK$ and $D^* K$ decays. <i>Physical Review D</i> , 2010 , 82,	4.9	22
652	Measurement and interpretation of moments in inclusive semileptonic decays $B \rightarrow X c \ell$. <i>Physical Review D</i> , 2010 , 81,	4.9	22

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650	Observation of $B^0 \rightarrow D^0 K^+ K^-$ and evidence for $B^0 \rightarrow D^0 K^+ K^-$. <i>Physical Review Letters</i> , 2012 , 109, 131801	7.4	22
649	Measurements of $B \rightarrow \{\pi, \eta, \eta'\} \nu_{\ell}$ branching fractions and determination of $ V_{ub} $ with semileptonically tagged B mesons. <i>Physical Review Letters</i> , 2008 , 101, 081801	7.4	22
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647	Measurement of the time-dependent CP-violating asymmetry in $B^0 \rightarrow K_S^0 \pi^+ \pi^-$ decays. <i>Physical Review D</i> , 2005 , 72,	4.9	22
646	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
645	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
644	Study of Beauty Hadron Decays into Pairs of Charm Hadrons. <i>Physical Review Letters</i> , 2014 , 112,	7.4	21
643	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
642	Exclusive production of $D_s^+ D_s^-$, $D_s^+ D_s^0$ and $D_s^+ D_s^{*0}$ via $e^+ e^-$ annihilation with initial-state radiation. <i>Physical Review D</i> , 2010 , 82,	4.9	21
641	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
640	Amplitude analysis of $B^0 \rightarrow K^+ D^-$ and evidence of direct CP violation in $B \rightarrow K^* \pi$ decays. <i>Physical Review D</i> , 2011 , 83,	4.9	21
639	Search for the decay modes $B_{\Xi} \rightarrow h_{\Xi} \pi$. <i>Physical Review D</i> , 2012 , 86,	4.9	21
638	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
637	Observation of $B;^0 \rightarrow K;(^*0) K[\over](^*0)$ and Search for $B;(^0) \rightarrow K;(^*0) K;(^*0)$. <i>Physical Review Letters</i> , 2008 , 100, 081801	7.4	21
636	Production and decay of Ω_{cc} . <i>Physical Review Letters</i> , 2007 , 99, 062001	7.4	21
635	Observation of CP violation in $B \rightarrow \eta' K^0$ decays. <i>Physical Review Letters</i> , 2007 , 98, 031801	7.4	21
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632	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
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630	Study of J/ψ Production in Jets. <i>Physical Review Letters</i> , 2017 , 118, 192001	7.4	20
629	Angular analysis of the $B^0 \rightarrow K^* e^+ e^-$ decay in the low- q^2 region. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	20
628	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
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626	Search for the rare decay $B \rightarrow K \mu \mu$. <i>Physical Review D</i> , 2010 , 82,	4.9	20
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624	Measurement of the $B \rightarrow D^{(*)} D^{(*)} K$ branching fractions. <i>Physical Review D</i> , 2011 , 83,	4.9	20
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621	Prompt $B \rightarrow K^* \mu \mu$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2010 , 693, 69-80.4.2	4.2	20
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619	Evidence for CP violation in $B^0 \rightarrow J/\psi \pi^0$ decays. <i>Physical Review Letters</i> , 2008 , 101, 021801	7.4	20
618	Measurement of the branching fractions of exclusive $B \rightarrow D^{(*)} (\pi) l \nu_l$ decays in events with a fully reconstructed B meson. <i>Physical Review Letters</i> , 2008 , 100, 151802	7.4	20
617	Determinations of $ V_{ub} $ from inclusive semileptonic decays with reduced model dependence. <i>Physical Review Letters</i> , 2006 , 96, 221801	7.4	20
616	Measurement of branching fractions and CP-violating charge asymmetries for B-meson decays to $D^{(*)} D^{(*)}$, and implications for the Cabibbo-Kobayashi-Maskawa angle β . <i>Physical Review D</i> , 2006 , 73,	4.9	20

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614	Measurements of the $B \rightarrow D^*$ form factors using the decay $B^0 \rightarrow D^{*+} e^- \bar{\nu}_e$. <i>Physical Review D</i> , 2006 , 74,	4.9	20
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604	Measurements of the branching fractions of [Formula: see text] decays. <i>European Physical Journal C</i> , 2013 , 73, 2462	4.2	19
603	Model-independent search for CP violation in $B^0 \rightarrow \pi^+ \pi^-$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 726, 623-633	4.2	19
602	Measurement of the CKM angle β using $B^0 \rightarrow DK^0$ with $D \rightarrow K^0 S^0$ and $D \rightarrow K^0 S^0 K^+ K^-$ decays. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	19
601	Measurement of the B^0 production cross-section in pp collisions at $(\sqrt{s}) = 7$ TeV. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	19
600	Measurements of the branching fractions and CP asymmetries of $B^0 \rightarrow J/\psi$ and $B^0 \rightarrow (\psi(2S))$ decays. <i>Physical Review D</i> , 2012 , 85,	4.9	19
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598	Search for CP violation in B^0 - \bar{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

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595	Initial-state radiation measurement of the $e^+e^- \rightarrow \mu^+\mu^-$ cross section. <i>Physical Review D</i> , 2012 , 85,	4.9	19
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593	Measurement of time-dependent CP asymmetry in $B^0 \rightarrow KS^0\pi^0$ decays. <i>Physical Review D</i> , 2008 , 78,	4.9	19
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591	Measurement of CP-violating asymmetries in $B^0 \rightarrow D^{*+}D^{-}$. <i>Physical Review Letters</i> , 2007 , 99, 071801.	7.4	19
590	Search for $b \rightarrow u$ transitions in $B^{\pm} \rightarrow D^0K^{\pm}$ and $B^{\pm} \rightarrow D^{*0}K^{\pm}$. <i>Physical Review D</i> , 2005 , 72,	4.9	19
589	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
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583	Study of the lineshape of the $\pi(3872)$ state. <i>Physical Review D</i> , 2020 , 102,	4.9	18
582	First Observation of Excited χ_{b^+} States. <i>Physical Review Letters</i> , 2020 , 124, 082002	7.4	18
581	Observation of Several Sources of CP Violation in $B^+ \rightarrow \pi^+\pi^+\pi^-$ Decays. <i>Physical Review Letters</i> , 2020 , 124, 031801	7.4	18
580	Measurement of the CP Asymmetry in $B_{s^0} \rightarrow B_{s^0}$ Mixing. <i>Physical Review Letters</i> , 2016 , 117, 061803	7.4	18

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577	Measurements of indirect CP asymmetries in $D^0 \rightarrow K^- K^+$ and $D^0 \rightarrow \eta \eta$ decays. <i>Physical Review Letters</i> , 2014 , 112, 041801	7.4	18
576	Measurement of relative branching fractions of decays to (η) and (η') mesons. <i>European Physical Journal C</i> , 2012 , 72, 2118	4.2	18
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574	Measurement of the semileptonic decays $B^0 \rightarrow D^0 \ell^+ \ell^-$ and $B^0 \rightarrow D^{*0} \ell^+ \ell^-$. <i>Physical Review D</i> , 2009 , 79,	4.9	18
573	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
572	Dalitz plot analysis of $D^0 \rightarrow K^0 K^+ K^-$. <i>Physical Review D</i> , 2005 , 72,	4.9	18
571	Measurement of time-dependent CP asymmetries in $B^0 \rightarrow D^{*0} \eta$ and $B^0 \rightarrow D \eta$ decays. <i>Physical Review D</i> , 2006 , 73,	4.9	18
570	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
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566	Study of W boson production in association with beauty and charm. <i>Physical Review D</i> , 2015 , 92,	4.9	17
565	Measurement of forward $Z \rightarrow e^+ e^-$ production at ($\sqrt{s} = 8$) TeV. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	17
564	Measurement of the CP-violating phase ϕ_s in $B_s(0) \rightarrow D_s(+/-) D_s(-/+)$ decays. <i>Physical Review Letters</i> , 2014 , 113, 211801	7.4	17
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560	Observation and study of the baryonic B-meson decays $B \rightarrow D^{(*)} p p \pi \pi \pi$. <i>Physical Review D</i> , 2012 , 85,	4-9	17
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558	Observation of $B(1S)$ and $B(2S)$ decays to $K+K\pi\pi$ in two-photon interactions. <i>Physical Review D</i> , 2011 , 84,	4-9	17
557	Study of high-multiplicity three-prong and five-prong Λ decays at BABAR. <i>Physical Review D</i> , 2012 , 86,	4-9	17
556	Measurement of the $B_s^0 \rightarrow J/\psi K^{*0}$ branching fraction and angular amplitudes. <i>Physical Review D</i> , 2012 , 86,	4-9	17
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553	Search for the rare decay $B \rightarrow \pi^+ l^-$. <i>Physical Review Letters</i> , 2007 , 99, 051801	7-4	17
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550	Measurement of the time-dependent CP asymmetry in the $B^0 \rightarrow \phi K^0$ decay. <i>Physical Review Letters</i> , 2004 , 93, 071801	7-4	17
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546	Study of B_c^+ decays to the $K+K\pi$ final state and evidence for the decay $B_c^+ \rightarrow \bar{D}^0 \pi$. <i>Physical Review D</i> , 2016 , 94,	4-9	17
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540	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
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536	Dalitz plot analysis of $\Xi \rightarrow K^+ K^- \pi$ and $\Xi \rightarrow K^+ K^0 \pi$ in two-photon interactions. <i>Physical Review D</i> , 2014 , 89,	4.9	16
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531	Search for CP violation and a measurement of the relative branching fraction in $D^+ \rightarrow K^+ \pi^0$ decays. <i>Physical Review D</i> , 2005 , 71,	4.9	16
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528	Measurement of CP observables in $B_{\text{c}}^+ \rightarrow D K^+$ and $B_{\text{c}}^+ \rightarrow D \pi^+$ 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
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497	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
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466	Amplitude Analysis of $B^0 \rightarrow \pi^0 K^+ K^-$ Decays. <i>Physical Review Letters</i> , 2019 , 123, 231802	7.4	14
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411	Branching fraction limits for B^0 decays to η, η' and η . <i>Physical Review D</i> , 2006 , 73,	4.9	12
410	Search for the decay $B_{\pm\pm} \rightarrow \eta \pi^\pm$ <i>Physical Review D</i> , 2006 , 73,	4.9	12
409	Search for the decay $B^0 \rightarrow a_1 \eta$. <i>Physical Review D</i> , 2006 , 74,	4.9	12
408	Measurement of CP observables for the decays $B_{\pm\pm} \rightarrow DCP^0 K^\pm$. <i>Physical Review D</i> , 2006 , 73,	4.9	12
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374	Search for factorization-suppressed $B \rightarrow \chi(c) K^{(*)}$ decays. <i>Physical Review Letters</i> , 2005 , 94, 171801	7.4	11
373	Studies of the resonance structure in decays. <i>European Physical Journal C</i> , 2018 , 78, 443	4.2	11
372	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
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368	Measurement of CP observables in $B_{\bar{c}} \rightarrow D(?) K_{\bar{c}}$ and $B_{\bar{c}} \rightarrow D(?) \pi^-$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018 , 777, 16-30	4.2	10
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353	Measurement of CP asymmetry in $B^0 \rightarrow D^+ K^-$ decays. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	10
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348	Constraints on the CKM angle γ in $B^0 \rightarrow D^0 K^0$ and $B^0 \rightarrow D^0 K^*$ from a Dalitz analysis of D^0 and D^0 decays to KS^0 . <i>Physical Review D</i> , 2009 , 79,	4.9	10
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287	Measurement of the Charm-Mixing Parameter y_{CP} . <i>Physical Review Letters</i> , 2019 , 122, 011802	7.4	8
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281	Evidence for the Rare Decay $B^+ \rightarrow p \pi^+ \pi^-$. <i>Physical Review Letters</i> , 2018 , 120, 221803	7.4	8
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260	Study of $b \rightarrow c$ interference in the decay $B \rightarrow [K^*] DK^*$ <i>Physical Review D</i> , 2005 , 72,	4.9	8
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252	Measurement of forward $W \rightarrow e\bar{\nu}$ production in pp collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	8
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250	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
249	Observation of the Decay $\Xi_b^0 \rightarrow p K^+ K^-$. <i>Physical Review Letters</i> , 2017 , 118, 071801	7.4	7
248	Improved limit on the branching fraction of the rare decay. <i>European Physical Journal C</i> , 2017 , 77, 678	4.2	7
247	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
246	Measurement of the neutral D meson mixing parameters in a time-dependent amplitude analysis of the $D^0 \rightarrow \pi^0 \pi^0$ decay. <i>Physical Review D</i> , 2016 , 93,	4.9	7
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244	Observation of the $B^0 \rightarrow J/\psi$ decay. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	7
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230	Measurements of branching fractions, polarizations, and direct CP-violation asymmetries in $B^+ \rightarrow \bar{D}^0 K^{*+}$ and $B^+ \rightarrow f_0(980) K^{*+}$ decays. <i>Physical Review D</i> , 2011 , 83,	4-9	7
229	Observation of the decay $B^- \rightarrow D(s)((^*)^+) K^- \pi^0$. <i>Physical Review Letters</i> , 2011 , 107, 041804	7-4	7
228	Time-dependent Dalitz plot analysis of $B^0 \rightarrow D^+ K^0 \pi^-$ decays. <i>Physical Review D</i> , 2008 , 77,	4-9	7
227	Measurement of ratios of branching fractions and CP-violating asymmetries of $B^0 \rightarrow D^+ K^- \pi^0$ decays. <i>Physical Review D</i> , 2008 , 78,	4-9	7
226	Observation of $B^+ \rightarrow \pi^+ K^0$ and measurement of its branching fraction and charge asymmetry. <i>Physical Review D</i> , 2007 , 76,	4-9	7
225	Improved measurement of time-dependent CP asymmetries and the CP-odd fraction in the decay $B^0 \rightarrow D^{*+} D^{*-}$. <i>Physical Review D</i> , 2007 , 76,	4-9	7
224	Measurement of B decays to $\eta' K^0$. <i>Physical Review D</i> , 2007 , 75,	4-9	7
223	Measurements of \bar{B}^+ branching fractions of Cabibbo-suppressed decay modes involving η and η' . <i>Physical Review D</i> , 2007 , 75,	4-9	7
222	Measurement of branching fractions and mass spectra of $B^- \rightarrow K^0 \pi^0$. <i>Physical Review Letters</i> , 2007 , 98, 211804	7-4	7
221	Observation of $B^- \rightarrow \eta' K^0$ and evidence for $B^+ \rightarrow \eta' \rho^+$. <i>Physical Review Letters</i> , 2007 , 98, 051802	7-4	7
220	Search for the W-exchange decays $B^0 \rightarrow D_s^{(*)} D_s^{(*)+}$. <i>Physical Review D</i> , 2005 , 72,	4-9	7

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216	Search for the radiative decays $B \rightarrow \rho \gamma$ and $B^0 \rightarrow \omega \gamma$. <i>Physical Review Letters</i> , 2004 , 92, 111801	7.4	7
215	Radiation hardness and monitoring of the BaBar vertex tracker. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2004 , 518, 290-294	1.2	7
214	Measurement of time-dependent CP asymmetries in $B^0 \rightarrow D^{(*)\pm} / D^{\pm}$ decays. <i>Physical Review Letters</i> , 2005 , 95, 131802	7.4	7
213	Production of excited beauty states in Z decays. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1995 , 69, 393-404		7
212	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
211	Measurement of f_{D_s}/f_{D^*} Variation with Proton-Proton Collision Energy and B-Meson Kinematics. <i>Physical Review Letters</i> , 2020 , 124, 122002	7.4	7
210	Study of the reactions $e^+e^- \rightarrow \pi^0 \pi^0 \pi^0$ and $\pi^0 \pi^0 \pi^0$ 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
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208	Measurement of the B^0 production asymmetry and the CP asymmetry in $B^0 \rightarrow J/\psi \pi^0$ decays. <i>Physical Review D</i> , 2017 , 95,	4.9	6
207	First measurement of the CP-violating phase $(\phi_{s^{\overline{D}}})$ in $B^0 \rightarrow (K^+ \pi^-) \pi^0$ decays. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	6
206	Measurement of the $I=1/2$ K^0 -wave amplitude from Dalitz plot analyses of $\pi^0 \rightarrow K^0 K^0$ in two-photon interactions. <i>Physical Review D</i> , 2016 , 93,	4.9	6
205	Measurement of the mass and lifetime of the Λ_b baryon. <i>Physical Review D</i> , 2016 , 93,	4.9	6
204	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
203	Measurement of CP observables in $B^0 \rightarrow DK^0$ with $D \rightarrow K + K^0$. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	6
202	Searches for $(B_{(s)}^0 \rightarrow \{J/\psi \text{ left/ } \{\{\psi p\}\} \text{ right.}\} \overline{p})$ and $B^+ \rightarrow J/\psi (\overline{p}) \pi^+$ decays. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	6

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198	Search for the $D^0_b \rightarrow D^0$ and $D^0_b \rightarrow D^0 \pi^0$ decays with the LHCb detector. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	6
197	Observation of $B_{s^0} \rightarrow \{K\}^{\ast \pm} \{K\}^{\ast \mp} \{K\}^{\pm} \{K\}^{\mp}$ and evidence for $B_{s^0} \rightarrow \{K\}^{\ast \pm} \{K\}^{\ast \mp} \{K\}^{\pm} \{K\}^{\mp}$ decays. <i>New Journal of Physics</i> , 2014 , 16, 123001	2.9	6
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194	Search for $f(2020)$ in radiative J/ψ decays. <i>Physical Review Letters</i> , 2010 , 105, 172001	7.4	6
193	Observation of the rare decay $B^0 \rightarrow K_S^0 K^0 \pi^0$. <i>Physical Review D</i> , 2010 , 82,	4.9	6
192	Observation of the decay $B^0 \rightarrow \pi^+ \pi^- \pi^0$. <i>Physical Review D</i> , 2010 , 82,	4.9	6
191	Search for B-meson decays to b_1 and $b_1 K^*$. <i>Physical Review D</i> , 2009 , 80,	4.9	6
190	Observation of $B^0 \rightarrow \pi^0 K^0$ and evidence for $B^+ \rightarrow \pi^0 K^+$. <i>Physical Review D</i> , 2008 , 78,	4.9	6
189	Study of B meson decays with excited eta and eta' mesons. <i>Physical Review Letters</i> , 2008 , 101, 091801	7.4	6
188	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
187	Search for the radiative decay $B^0 \rightarrow \gamma \pi^0$. <i>Physical Review D</i> , 2005 , 72,	4.9	6
186	Measurement of the $B \rightarrow D^0 K^*$ branching fraction. <i>Physical Review D</i> , 2006 , 73,	4.9	6
185	The BaBar silicon vertex tracker. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2000 , 453, 78-83	1.2	6
184	The R&D program for silicon detectors in CMS. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1999 , 435, 109-117	1.2	6

183	A precise measurement of the [Formula: see text] meson oscillation frequency. <i>European Physical Journal C</i> , 2016 , 76, 412	4.2	6
182	Measurement of the CKM angle α using $B^0 \rightarrow DK^*0$ with $D \rightarrow K^+ S^0$ decays. <i>Journal of High Energy Physics</i> , 2016 , 2016,	5.4	6
181	Measurement of CP Violation in $B^0 \rightarrow D^{*+} D^{-}$ Decays. <i>Physical Review Letters</i> , 2016 , 117, 261801	7.4	6
180	Model-independent measurement of the CKM angle α using $B^0 \rightarrow DK^*0$ decays with $D \rightarrow K^+ S^0$ and $K^+ S^0 K^+ K^+$ decays. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	6
179	Measurement of $\cos 2\alpha$ in $B^0 \rightarrow D^{*+} h^0$ with $D \rightarrow K^+ S^0$ decays by a combined time-dependent Dalitz plot analysis of BaBar and Belle data. <i>Physical Review D</i> , 2018 , 98,	4.9	6
178	Observation of the decay $B_s^0 \rightarrow D^+ K^+ K^-$ <i>Physical Review D</i> , 2018 , 98,	4.9	6
177	First observation of $B^+ \rightarrow D^+ s^+ K^+ K^-$ decays and a search for $B^+ \rightarrow D^+ s^+ ?$ decays. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	6
176	Precise measurement of the f_s/f_d ratio of fragmentation fractions and of B_s^0 decay branching fractions. <i>Physical Review D</i> , 2021 , 104,	4.9	6
175	Observation of charmless baryonic decays $B(s)^0 \rightarrow pp^+ h^+ h^-$ <i>Physical Review D</i> , 2017 , 96,	4.9	5
174	Observation of the $(\Lambda_{\text{charm}}^0 \rightarrow \text{upchi}_{\text{charm}}^0)$ (3872) pK decay. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	5
173	Observation of $B_{\text{s}}^0 \rightarrow D^+ K_{\text{s}}^0$ and Evidence for $B_{\text{s}}^0 \rightarrow D^+ K_{\text{s}}^* K_{\text{s}}^0$ Decays. <i>Physical Review Letters</i> , 2016 , 116, 161802	7.4	5
172	Measurement of the $B^0 \rightarrow D^* K^+$ branching fraction. <i>Physical Review D</i> , 2016 , 94,	4.9	5
171	Observation of the $B^0 \rightarrow J/\psi K^+ K^-$ decay. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	5
170	Observation of the decay $B^0 \rightarrow \rho^+ K^-$ and a search for CP violation. <i>Journal of High Energy Physics</i> , 2017 , 2017,	5.4	5
169	Determination of the branching fractions of $B^0 \rightarrow D^+ S^+ K^-$ and $B^0 \rightarrow D^+ K^+ K^-$. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	5
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167	Branching fractions and CP-violating asymmetries in radiative B decays to χ_{B} <i>Physical Review D</i> , 2009 , 79,	4.9	5
166	Evidence for $B^+ \rightarrow K^+ K^+ K^-$. <i>Physical Review D</i> , 2009 , 79,	4.9	5

165	Measurements of branching fractions and CP asymmetries and studies of angular distributions for $B \rightarrow \tau K$ decays. <i>Physical Review D</i> , 2011 , 84,	4.9	5
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163	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
162	Search for the rare decays $B^+ \rightarrow D^{(*)} K_S^0$. <i>Physical Review D</i> , 2005 , 72,	4.9	5
161	Measurements of B meson decays to K^* and π <i>Physical Review D</i> , 2005 , 71,	4.9	5
160	Search for the rare decays $B_0 \rightarrow D_s^{(*)} a_0(2) \pi$ <i>Physical Review D</i> , 2006 , 73,	4.9	5
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156	Measurement of the branching fractions for $(\bar{D}S) \rightarrow e^+ e^- \bar{D}$ and $(\bar{D}S) \rightarrow \eta \pi$ <i>Physical Review D</i> , 2001 , 65,	4.9	5
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153	The BaBar silicon vertex tracker. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1999 , 435, 25-33	1.2	5
152	First measurement of the quark-to-photon fragmentation function. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1995 , 69, 365-377		5
151	Branching Fraction Measurements of the Rare $B_{\pi} \rightarrow \tau^+ \pi^-$ and $B_{\eta} \rightarrow \tau^+ \eta^-$ Decays. <i>Physical Review Letters</i> , 2021 , 127, 151801	7.4	5
150	Updated measurement of decay-time-dependent CP asymmetries in $D_0 \rightarrow K^+ K^-$ and $D_0 \rightarrow \eta \pi$ decays. <i>Physical Review D</i> , 2020 , 101,	4.9	5
149	Measurement of the ratio of branching fractions ($\frac{\text{BR}(B \rightarrow K^+ \pi^0)}{\text{BR}(B \rightarrow K^+ \eta)}$) <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	5
148	Observation of $B_s^0 \rightarrow D^* \pi^0$ and search for $B_0 \rightarrow D^* \pi^0$ decays. <i>Physical Review D</i> , 2018 , 98,	4.9	5

147	Observation of the decay $B^0 \rightarrow \tau^+ \nu_\tau$. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	5
146	Search for weakly decaying b-flavored pentaquarks. <i>Physical Review D</i> , 2018 , 97,	4.9	5
145	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
144	Observation of $B^0 \rightarrow \tau^+ \nu_\tau$ and $B^0 \rightarrow \mu^+ \nu_\mu$ decays. <i>European Physical Journal C</i> , 2017 , 77, 72	4.2	4
143	Observation of $B_{(s)}^0 \rightarrow J/\psi p$ Decays and Precision Measurements of the $B_{(s)}^0$ Masses. <i>Physical Review Letters</i> , 2019 , 122, 191804	7.4	4
142	Observation of the Decay $D^+ \rightarrow K^+ \bar{D}^0 e^+ e^-$. <i>Physical Review Letters</i> , 2019 , 122, 081802	7.4	4
141	Search for the Rare Decays $B_{(s)}^0 \rightarrow e^+ e^-$ and $B^0 \rightarrow e^+ e^-$. <i>Physical Review Letters</i> , 2020 , 124, 211802	7.4	4
140	Measurements of the Absolute Branching Fractions of $B^0 \rightarrow K^+ X_{cc}^-$. <i>Physical Review Letters</i> , 2020 , 124, 152001	7.4	4
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136	New algorithms for identifying the flavour of B^0 mesons using pions and protons. <i>European Physical Journal C</i> , 2017 , 77, 238	4.2	4
135	Evidence for the two-body charmless baryonic decay ($\Lambda_b^0 \rightarrow \bar{p} \Lambda^0$). <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	4
134	First Observation of the Rare Purely Baryonic Decay $B^0 \rightarrow pp$. <i>Physical Review Letters</i> , 2017 , 119, 232001	7.4	4
133	Updated branching fraction measurements of $B^0 \rightarrow K^+ S^0 h^+ h^-$ decays. <i>Journal of High Energy Physics</i> , 2017 , 2017,	5.4	4
132	Study of $B \rightarrow DK$ and $B \rightarrow D\bar{K}$ decays and determination of the CKM angle α . <i>Physical Review D</i> , 2015 , 92,	4.9	4
131	First observation and measurement of the branching fraction for the decay $B^0 \rightarrow D^+ S^- K^0$. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	4
130	Evidence for the baryonic decay $B^0 \rightarrow D^0$. <i>Physical Review D</i> , 2014 , 89,	4.9	4

129	Search for B+ meson decay to $a_1(1260)K^*(892)$. <i>Physical Review D</i> , 2010 , 82,	4.9	4
128	Observation of inclusive $D^* \Xi$ production in the decay of $\Upsilon(1S)$. <i>Physical Review D</i> , 2010 , 81,	4.9	4
127	Observation and polarization measurement of $B_0 \rightarrow a_1(1260) + a_1(1260) \Xi$ decay. <i>Physical Review D</i> , 2009 , 80,	4.9	4
126	Observation of the baryonic B-decay $B_0 \rightarrow \Xi + p \bar{K}_S^0$. <i>Physical Review D</i> , 2009 , 80,	4.9	4
125	Search for the decay $B_0 \rightarrow \Xi$ <i>Physical Review D</i> , 2011 , 83,	4.9	4
124	Measurement of the mass difference $m(B_0) - m(B^+)$. <i>Physical Review D</i> , 2008 , 78,	4.9	4
123	Search for $B_0 \rightarrow K^* + K^0$ <i>Physical Review D</i> , 2008 , 78,	4.9	4
122	Search for the decays $B_0 \rightarrow e^+ e^- \Xi$ and $B_0 \rightarrow \Xi \Xi$ <i>Physical Review D</i> , 2008 , 77,	4.9	4
121	Observation of $B(+) \rightarrow \phi \phi K(+)$ and evidence for $B(0) \rightarrow \phi \phi K(0)$ below $\eta(c)$ threshold. <i>Physical Review Letters</i> , 2006 , 97, 261803	7.4	4
120	Search for $b \rightarrow u$ transitions in $B \Xi \rightarrow [K + \Xi] DK$ <i>Physical Review D</i> , 2007 , 76,	4.9	4
119	Evidence for the Rare Decay $B^+ \rightarrow D_s + \Xi$. <i>Physical Review Letters</i> , 2007 , 98,	7.4	4
118	Search for the decay $\Xi \rightarrow 3 \Xi \Xi$ <i>Physical Review D</i> , 2006 , 73,	4.9	4
117	Bound on the ratio of decay amplitudes for $B_0 \rightarrow J/\psi K^0$ and $B_0 \rightarrow J/\psi K^*$. <i>Physical Review Letters</i> , 2004 , 93, 081801	7.4	4
116	Using the grid for the BaBar experiment. <i>IEEE Transactions on Nuclear Science</i> , 2004 , 51, 2045-2049	1.7	4
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114	Measurements of the charged particle multiplicity distribution in restricted rapidity intervals. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1995 , 69, 15-25		4
113	Search for CP violation and observation of P violation in $B_0 \rightarrow p \Xi$ decays. <i>Physical Review D</i> , 2020 , 102,	4.9	4
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111	Measurement of the $B_s^0 \rightarrow J/\psi$ lifetime. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 762, 484-492	4.2	4
110	Tests of CPT symmetry in $B^0\bar{B}^0$ mixing and in $B^0 \rightarrow cc\bar{K}^0$ decays. <i>Physical Review D</i> , 2016 , 94,	4.9	4
109	Measurement of the B_c meson production fraction and asymmetry in 7 and 13 TeV pp collisions. <i>Physical Review D</i> , 2019 , 100,	4.9	4
108	Observation of a new B_0 state. <i>Physical Review D</i> , 2021 , 103,	4.9	4
107	Measurement of the time-integrated CP asymmetry in $D^0 \rightarrow K^0 S K^0 S$ decays. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	4
106	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
105	First branching fraction measurement of the suppressed decay $\bar{B}^0 \rightarrow \bar{D}^+$. <i>Physical Review D</i> , 2020 , 102,	4.9	3
104	First observation of the rare $B^+ \rightarrow D^+ K^+ \pi^-$ decay. <i>Physical Review D</i> , 2016 , 93,	4.9	3
103	Measurement of the $B_s^0 \rightarrow D_s^*(*) + D_s^*(*)$ branching fractions. <i>Physical Review D</i> , 2016 , 93,	4.9	3
102	First observation of the decay $B^0 \rightarrow K^0 S K^*(892)^0$ at LHCb. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	3
101	Evidence for the decay $B^0 \rightarrow \Lambda$ and search for $B^0 \rightarrow \bar{\Lambda}$. <i>Physical Review D</i> , 2014 , 89,	4.9	3
100	Search for the decay $B^0 \rightarrow \bar{D}^+ p \bar{p}$. <i>Physical Review D</i> , 2014 , 89,	4.9	3
99	Study of the decay $B^0 \rightarrow \bar{D}^+ p \bar{p}$ and its intermediate states. <i>Physical Review D</i> , 2013 , 87,	4.9	3
98	Measurement of partial branching fractions of inclusive charmless B meson decays to K^+ , K^0 , and \bar{K}^0 . <i>Physical Review D</i> , 2011 , 83,	4.9	3
97	Search for B^0 meson decays to $\bar{D}^0 K^0 K^0 S^0$, $\bar{K}^0 K^0 K^0 S^0$, and $\bar{K}^0 K^0 K^0 S^0$. <i>Physical Review D</i> , 2009 , 80,	4.9	3
96	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
95	Search for the decay modes $D^0 \rightarrow e^+ e^- D^0 \rightarrow \mu^+ \mu^-$ and $D^0 \rightarrow e^+ \mu^-$. <i>Physical Review D</i> , 2012 , 86,	4.9	3
94	Measurement of the branching fraction and decay rate asymmetry of $B^0 \rightarrow D^0 K^0$. <i>Physical Review D</i> , 2005 , 72,	4.9	3

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90	Measurements of branching fractions and Dalitz distributions for $B_0 \rightarrow D^{(*)\pm} K_0^{\pi\pm}$ decays. <i>Physical Review Letters</i> , 2005 , 95, 171802	7.4	3
89	The CMS silicon strip tracker. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1999 , 435, 102-108	1.2	3
88	Improved measurement of the B^0 and B^+ meson lifetimes 1996 , 71, 31		3
87	Observation of a New Excited D_{s1}^+ Meson in $B^0 \rightarrow D^+ D_s^- K^+ \pi^-$ Decays. <i>Physical Review Letters</i> , 2021 , 126, 122002	7.4	3
86	Search for heavy neutral leptons in $(W^+ \rightarrow \mu^+ \mu^{\pm})$ decays. <i>European Physical Journal C</i> , 2021 , 81, 1	4.2	3
85	Measurement of the electron reconstruction efficiency at LHCb. <i>Journal of Instrumentation</i> , 2019 , 14, P11023-P11023	1	3
84	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
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