

Marcello Rotondo

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1,033
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1,080
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39,115
ext. citations

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6.27
L-index

#	Paper	IF	Citations
1033	The BABAR detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2002 , 479, 1-116	1.2	1077
1032	Observation of J/ψ Resonances Consistent with Pentaquark States in $[b]^0 \rightarrow J/\psi K^+ p$ Decays. <i>Physical Review Letters</i> , 2015 , 115, 072001	7.4	580
1031	Test of lepton universality using $b^+ \rightarrow K^+ \mu^+ \mu^-$ decays. <i>Physical Review Letters</i> , 2014 , 113, 151601	7.4	542
1030	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
1029	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
1028	Evidence for an excess of $B \rightarrow D^{(*)} \mu^+ \mu^-$ decays. <i>Physical Review Letters</i> , 2012 , 109, 101802	7.4	456
1027	LHCb detector performance. <i>International Journal of Modern Physics A</i> , 2015 , 30, 1530022	1.2	452
1026	Observation of CP violation in the $B(0)$ meson system. <i>Physical Review Letters</i> , 2001 , 87, 091801	7.4	373
1025	Measurement of an excess of $B \rightarrow D^{(*)} \mu^+ \mu^-$ decays and implications for charged Higgs bosons. <i>Physical Review D</i> , 2013 , 88,	4.9	340
1024	Study of the $B \rightarrow J/\psi K^+ K^-$ decay and measurement of the $B \rightarrow X(3872) K^0$ branching fraction. <i>Physical Review D</i> , 2005 , 71,	4.9	333
1023	Searches for Lepton flavor violation in the decays $\tau^+ \rightarrow e^+ \gamma$ and $\tau^+ \rightarrow \mu^+ \gamma$. <i>Physical Review Letters</i> , 2010 , 104, 021802	7.4	328
1022	Observation of the rare $B(s)(0) \rightarrow \mu^+ \mu^-$ decay from the combined analysis of CMS and LHCb data. <i>Nature</i> , 2015 , 522, 68-72	50.4	326
1021	Measurement of the ratio of branching fractions $B(B^0 \rightarrow D^{*+} \mu^-) / B(B^0 \rightarrow D^{*+} \pi^-)$. <i>Physical Review Letters</i> , 2015 , 115, 111803	7.4	316
1020	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
1019	Test of lepton universality with $B^0 \rightarrow K^{*0} \mu^+ \mu^-$ decays. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	298
1018	Observation of the Doubly Charmed Baryon $[cc]^{++}$. <i>Physical Review Letters</i> , 2017 , 119, 112001	7.4	257
1017	Measurement of the $B \rightarrow 0$ transition form factor. <i>Physical Review D</i> , 2009 , 80,	4.9	246

1016	Search for a dark photon in e^+e^- collisions at BABAR. <i>Physical Review Letters</i> , 2014 , 113, 201801	7.4	241
1015	Observation of the resonant character of the $Z(4430)^-$ state. <i>Physical Review Letters</i> , 2014 , 112, 222002	7.4	234
1014	The Physics of the B Factories. <i>European Physical Journal C</i> , 2014 , 74, 1	4.2	233
1013	Angular analysis of the $B^0 \rightarrow K^* \mu^+ \mu^-$ decay using 3 fb of integrated luminosity. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	232
1012	Measurement of the CP asymmetry amplitude $\sin 2\beta$ with B^0 mesons. <i>Physical Review Letters</i> , 2002 , 89, 201802	7.4	228
1011	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
1010	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
1009	Evidence for D^0 - \bar{D}^0 mixing. <i>Physical Review Letters</i> , 2007 , 98, 211802	7.4	186
1008	Study of $e^+e^- \rightarrow \mu^+\mu^-$ using initial state radiation with BABAR. <i>Physical Review D</i> , 2006 , 73,	4.9	180
1007	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
1006	Observation of Five New Narrow χ_{c0} States Decaying to $\chi_{c1}K$. <i>Physical Review Letters</i> , 2017 , 118, 182001	7.4	154
1005	Flavor physics in the quark sector. <i>Physics Reports</i> , 2010 , 494, 197-414	27.7	150
1004	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
1003	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
1002	Angular analysis and differential branching fraction of the decay $B^0 \rightarrow \mu^+ \mu^-$. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	138
1001	Search for Lepton-Universality Violation in $B^+ \rightarrow K^+ \mu^+ \mu^-$ Decays. <i>Physical Review Letters</i> , 2019 , 122, 191801	7.4	137
1000	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
999	Evidence for $X(3872) \rightarrow \psi(2S)\gamma$ in $B^{+/-} \rightarrow X(3872)K^{+/-}$ decays and a study of $B \rightarrow c\bar{c} \gamma K$. <i>Physical Review Letters</i> , 2009 , 102, 132001	7.4	134

998	Observation of the bottomonium ground state in the decay $Upsilon(3S) \rightarrow \gamma \eta_{c1}$. <i>Physical Review Letters</i> , 2008 , 101, 071801	7.4	132
997	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
996	Measurements of $e^+e^- \rightarrow K^+K^-K^+K^-$, 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
995	Measurement of the Ratio of the $B^0 \rightarrow D^{*+} \pi^+ \pi^-$ and $B^0 \rightarrow D^{*-} \pi^+ \pi^-$ Branching Fractions Using Three-Prong Lepton Decays. <i>Physical Review Letters</i> , 2018 , 120, 171802	7.4	126
994	The BaBar detector: Upgrades, operation and performance. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2013 , 729, 615-701	1.2	125
993	Study of the $e^+e^- \rightarrow \pi^0$ process using initial state radiation with BABAR. <i>Physical Review D</i> , 2004 , 70,	4.9	122
992	Search for lepton flavor violation in the decay $\tau_{\mu} \rightarrow \mu^+ \gamma$. <i>Physical Review Letters</i> , 2005 , 95, 041802	7.4	121
991	Evidence for the decay $X(3872) \rightarrow J/\psi \pi^0$. <i>Physical Review D</i> , 2010 , 82,	4.9	119
990	Measurements of branching fractions, rate asymmetries, and angular distributions in the rare decays $B \rightarrow K^0 \pi^0$ and $B \rightarrow K^{*0} \pi^0$. <i>Physical Review D</i> , 2006 , 73,	4.9	119
989	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
988	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
987	Rates, polarizations, and asymmetries in charmless vector-vector B meson decays. <i>Physical Review Letters</i> , 2003 , 91, 171802	7.4	117
986	Search for doubly charmed baryons Ξ_{cc}^+ and Ξ_{cc}^{++} in BABAR. <i>Physical Review D</i> , 2006 , 74,	4.9	116
985	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
984	Observation of new resonances decaying to D^0 and D^{*0} in inclusive e^+e^- collisions near $\sqrt{s} = 10.58$ GeV. <i>Physical Review D</i> , 2010 , 82,	4.9	111
983	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
982	The $e^+e^- \rightarrow 2(\pi^0)$, $2(\pi^0)K^+K^-$ and K^+K^- cross sections measured with initial-state radiation. <i>Physical Review D</i> , 2007 , 76,	4.9	111
981	Precise measurement of the $e^+e^- \rightarrow \pi^0$ cross section with the initial-state radiation method at BABAR. <i>Physical Review D</i> , 2012 , 86,	4.9	110

980	Measurement of the Ratio of Branching Fractions $B(B_{c^+} \rightarrow J/\psi \chi_{c0})/B(B_{c^+} \rightarrow J/\psi \chi_{c1})$. <i>Physical Review Letters</i> , 2018 , 120, 121801	7.4	109
979	$e^+e^- \rightarrow \mu^+\mu^- K^+K^-$ and K^+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
978	Search for the $Z(4430)$ at BABAR. <i>Physical Review D</i> , 2009 , 79,	4.9	108
977	The $e^+e^- \rightarrow 3(\mu^+\mu^-) 2(\pi^+\pi^-)$ and K^+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
976	Test of lepton flavor universality by the measurement of the $B^0 \rightarrow D^{*+} \mu^-$ branching fraction using three-prong μ decays. <i>Physical Review D</i> , 2018 , 97,	4.9	106
975	Measurement of the $B_{s^0} \rightarrow \mu^+\mu^-$ Branching Fraction and Effective Lifetime and Search for $B^0 \rightarrow \mu^+\mu^-$ Decays. <i>Physical Review Letters</i> , 2017 , 118, 191801	7.4	106
974	Search for $B^+ \rightarrow X(3872)K^+$, $X(3872) \rightarrow J/\psi$ <i>Physical Review D</i> , 2006 , 74,	4.9	106
973	Structure at 2175 MeV in $e^+e^- \rightarrow \rho^0(980)$ observed via initial-state radiation. <i>Physical Review D</i> , 2006 , 74,	4.9	102
972	Study of resonances in exclusive B decays to $D^{(*)}D^{(*)}K$. <i>Physical Review D</i> , 2008 , 77,	4.9	100
971	Measurement of CP-violating asymmetries in B^0 decays to CP eigenstates. <i>Physical Review Letters</i> , 2001 , 86, 2515-22	7.4	100
970	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
969	Observation of a Charmed Baryon Decaying to $D;^0p$ at a Mass Near 2.94 GeV/c;{2}. <i>Physical Review Letters</i> , 2007 , 98, 012001	7.4	97
968	Observation of time-reversal violation in the B^0 meson system. <i>Physical Review Letters</i> , 2012 , 109, 211801	7.4	96
967	Improved measurement of CP asymmetries in $B^0 \rightarrow (cc)K(0^{(*)})$ decays. <i>Physical Review Letters</i> , 2005 , 94, 161803	7.4	92
966	Evidence for Exotic Hadron Contributions to $\psi(b)^0 \rightarrow J/\psi \mu^-$ Decays. <i>Physical Review Letters</i> , 2016 , 117, 082003	7.4	91
965	Search for lepton flavor violation in the decay $\tau_{+/-} \rightarrow e_{+/-} \gamma$. <i>Physical Review Letters</i> , 2006 , 96, 041801	7.4	91
964	Dalitz-plot analysis of the decays $B^0 \rightarrow K^0 \pi^0$. <i>Physical Review D</i> , 2005 , 72,	4.9	89
963	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

962	Measurement of the $B \rightarrow \Lambda$ and $B \rightarrow \Sigma$ transition form factors. <i>Physical Review D</i> , 2011 , 84,	4.9	86
961	Study of $D_s J$ decays to $D^* K$ in inclusive e^+e^- interactions. <i>Physical Review D</i> , 2009 , 80,	4.9	86
960	$e^+e^- \rightarrow K+K \rightarrow K+K$ and $K+K \rightarrow K+K$ cross sections measured with initial-state radiation. <i>Physical Review D</i> , 2007 , 76,	4.9	86
959	Observation of an excited charm baryon Ω_c^* decaying to $\Omega_c \gamma$. <i>Physical Review Letters</i> , 2006 , 97, 232001	7.4	86
958	Measurements of the $B \rightarrow X s \gamma$ branching fraction and photon spectrum from a sum of exclusive final states. <i>Physical Review D</i> , 2005 , 72,	4.9	86
957	Model-Independent Evidence for J/ψ Contributions to $B \rightarrow J/\psi K^0$ Decays. <i>Physical Review Letters</i> , 2016 , 117, 082002	7.4	85
956	Measurement of time-dependent CP asymmetry in $B^0 \rightarrow c\bar{c} K^0$ decays. <i>Physical Review D</i> , 2009 , 79,	4.9	84
955	Measurement of the track reconstruction efficiency at LHCb. <i>Journal of Instrumentation</i> , 2015 , 10, P02007-P02007	4.9	83
954	Updated measurements of exclusive J/ψ 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
953	Measurement of branching fractions and rate asymmetries in the rare decays $B \rightarrow K^* \mu \mu$. <i>Physical Review D</i> , 2012 , 86,	4.9	82
952	Study of $e^+e^- \rightarrow \mu^+ \mu^- \mu^+ \mu^-$ using initial state radiation with BABAR. <i>Physical Review D</i> , 2007 , 76,	4.9	81
951	Search for $B \rightarrow K^* \mu \mu$ and invisible quarkonium decays. <i>Physical Review D</i> , 2013 , 87,	4.9	80
950	Determination of the quark coupling strength $ V_{ub} $ using baryonic decays. <i>Nature Physics</i> , 2015 , 11, 743-747	7.4	79
949	Evidence for the decay $B \rightarrow \mu^+ \mu^- \mu^+ \mu^-$. <i>Nuclear Physics B</i> , 2014 , 886, 665-680	2.8	79
948	Precision luminosity measurements at LHCb. <i>Journal of Instrumentation</i> , 2014 , 9, P12005-P12005	1	79
947	Observation of the semileptonic decays $B \rightarrow D^* \tau \nu_\tau$ and evidence for $B \rightarrow D \tau \nu_\tau$. <i>Physical Review Letters</i> , 2008 , 100, 021801	7.4	79
946	Study of $e^+e^- \rightarrow \mu^+ \mu^- \mu^+ \mu^-$ via initial-state radiation at BABAR. <i>Physical Review D</i> , 2013 , 87,	4.9	77
945	Study of $B \rightarrow \mu^+ \mu^-$ and $B \rightarrow \mu^+ \mu^- \mu^+ \mu^-$ decays and determination of $ V_{ub} $. <i>Physical Review D</i> , 2011 , 83,	4.9	76

944	Study of the X(3872) and Y(4260) in $B^0 \rightarrow J/\psi K^0$ and $B^0 \rightarrow J/\psi K^0$ decays. <i>Physical Review D</i> , 2006 , 73,	4.9	76
943	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
942	Search for Dark Photons Produced in 13 TeV pp Collisions. <i>Physical Review Letters</i> , 2018 , 120, 061801	7.4	75
941	Study of the reaction $e^+e^- \rightarrow J/\psi$ via initial-state radiation at BABAR. <i>Physical Review D</i> , 2012 , 86,	4.9	75
940	Exclusive initial-state-radiation production of the DD^0 , D^*D^0 , and D^*D^{0*} systems. <i>Physical Review D</i> , 2009 , 79,	4.9	75
939	Study of $B \rightarrow X(3872)K$, with $X(3872) \rightarrow J/\psi$. <i>Physical Review D</i> , 2008 , 77,	4.9	75
938	Study of the exclusive initial-state-radiation production of the DD^0 system. <i>Physical Review D</i> , 2007 , 76,	4.9	73
937	Time-integrated and time-dependent angular analyses of $B \rightarrow J/\psi A$ a measurement of $\cos 2\alpha$ with no sign ambiguity from strong phases. <i>Physical Review D</i> , 2005 , 71,	4.9	72
936	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
935	Observation of a narrow meson decaying to $D_s^+ D^0$ at a mass of 2.458 GeV/c ² . <i>Physical Review D</i> , 2004 , 69,	4.9	71
934	Observation of structure in the J/ψ pair mass spectrum. <i>Science Bulletin</i> , 2020 , 65, 1983-1993	10.6	71
933	Search for Majorana neutrinos in $B^- \rightarrow \mu^+ \mu^-$ decays. <i>Physical Review Letters</i> , 2014 , 112, 131802	7.4	70
932	Dalitz plot analysis of $B_s^0 \rightarrow D^0 K^0$ decays. <i>Physical Review D</i> , 2014 , 90,	4.9	70
931	Measurement of D^0 - \bar{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
930	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
929	Evidence for the eta(b)(1S) meson in radiative Upsilon(2S) decay. <i>Physical Review Letters</i> , 2009 , 103, 161801	7.4	67
928	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
927	Search for a muonic dark force at BaBar. <i>Physical Review D</i> , 2016 , 94,	4.9	66

926	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
925	Search for Hidden-Sector Bosons in $B(0) \rightarrow K^{*0} \ell^+ \ell^-$ Decays. <i>Physical Review Letters</i> , 2015 , 115, 161802	7.4	65
924	Evidence of $B^+ \rightarrow \mu^+ \mu^-$ decays with hadronic B tags. <i>Physical Review D</i> , 2013 , 88,	4.9	65
923	Search for $B^+ \rightarrow \mu^+ \mu^-$ recoiling against $B \rightarrow D^0 X$. <i>Physical Review D</i> , 2010 , 81,	4.9	65
922	Measurement of the $B^+ \rightarrow \mu^+ \mu^- K^+$ branching fraction and study of the decay dynamics. <i>Physical Review D</i> , 2005 , 72,	4.9	65
921	Search for lepton-flavor violation in the decay $\tau^- \rightarrow l^- l^+ l^-$. <i>Physical Review Letters</i> , 2004 , 92, 121801	7.4	65
920	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
919	Search for Structure in the $B_{s^0} \mu^+ \mu^-$ Invariant Mass Spectrum. <i>Physical Review Letters</i> , 2016 , 117, 152003	7.4	64
918	Angular distributions in the decay $B \rightarrow K^* l^+ l^-$ <i>Physical Review D</i> , 2009 , 79,	4.9	63
917	Improved measurement of the CKM angle β in $B^0 \rightarrow D^{(*)} K^{*0}$ decays with a Dalitz plot analysis of D decays to $KS^0 \mu^+ \mu^-$ and $KS^0 K^+ K^-$ <i>Physical Review D</i> , 2008 , 78,	4.9	63
916	Search for $B^+ \rightarrow \mu^+ \mu^-$ decays with hadronic B tags. <i>Physical Review D</i> , 2008 , 77,	4.9	62
915	Measurement of CP violation in the phase space of $B^0 \rightarrow K^+ K^- \mu^+ \mu^-$ and $B^0 \rightarrow \mu^+ \mu^- \mu^+ \mu^-$ decays. <i>Physical Review Letters</i> , 2014 , 112, 011801	7.4	61
914	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
913	Study of excited charm-strange baryons with evidence for new baryons $\Xi(3055)^+$ and $\Xi(3123)^+$. <i>Physical Review D</i> , 2008 , 77,	4.9	61
912	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
911	Observation of the $\Xi(2P)$ meson in the reaction $\Xi \rightarrow DD^0$ at BABAR. <i>Physical Review D</i> , 2010 , 81,	4.9	60
910	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
909	Measurements of the absolute branching fractions of $B^+ / - \rightarrow K^+ / - X(cc)$. <i>Physical Review Letters</i> , 2006 , 96, 052002	7.4	60

908	Search for $A^{\{+ \} \rightarrow \{+ \} \{ - \}}$ Decays. <i>Physical Review Letters</i> , 2020 , 124, 041801	7.4	60
907	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
906	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
905	Measurement of the ρ and ω transition form factors at $q^2=112 \text{ GeV}^2$. <i>Physical Review D</i> , 2006 , 74,	4.9	59
904	Measurement of the electron energy spectrum and its moments in inclusive $B \rightarrow X e^+ e^-$ decays. <i>Physical Review D</i> , 2004 , 69,	4.9	59
903	Study of inclusive production of charmonium mesons in B decays. <i>Physical Review D</i> , 2003 , 67,	4.9	59
902	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
901	Study of CP violation in Dalitz-plot analyses of $B^0 \rightarrow K^+K^-\pi^0$, $B^+ \rightarrow K^+K^-\pi^+$, and $B^+ \rightarrow K^0K^0\pi^+$. <i>Physical Review D</i> , 2012 , 85,	4.9	58
900	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
899	Evidence for direct CP violation from Dalitz-plot analysis of $B^0 \rightarrow K^0\pi^0$. <i>Physical Review D</i> , 2008 , 78,	4.9	58
898	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
897	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
896	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
895	Amplitude analysis of $B^+ \rightarrow J/\psi K^+$ decays. <i>Physical Review D</i> , 2017 , 95,	4.9	56
894	B meson decays to $(\rho)K^*$, $(\rho)\pi(\rho)D$, D , and D . <i>Physical Review D</i> , 2004 , 70,	4.9	56
893	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
892	Exclusive branching-fraction measurements of semileptonic tau decays into three charged hadrons, into $\phi\pi^0\nu$ tau, and into $\phi K^-\nu$ tau. <i>Physical Review Letters</i> , 2008 , 100, 011801	7.4	55
891	Differential branching fraction and angular analysis of $D^0 b \rightarrow \mu^+\mu^-$ decays. <i>Journal of High Energy Physics</i> , 2015 , 2015,	5.4	54

890	Measurement of resonant and CP components in $B_{\text{c}}^0 \rightarrow J/\psi K^0$ decays. <i>Physical Review D</i> , 2014 , 89,	4.9	54
889	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
888	First Observation of the Doubly Charmed Baryon Decay $\Xi_{\text{cc}}^{++} \rightarrow \Xi_{\text{c}}^{+} \pi^{+}$. <i>Physical Review Letters</i> , 2018 , 121, 162002	7.4	54
887	Precision measurement of CP violation in $B(S)(0) \rightarrow J/\psi K^0$ decays. <i>Physical Review Letters</i> , 2015 , 114, 041801	7.4	53
886	Dalitz plot analysis of $B^0 \rightarrow D^0 K^0$ decays. <i>Physical Review D</i> , 2015 , 92,	4.9	53
885	Measurement of the resonant and CP components in $B^0 \rightarrow J/\psi K^0$ decays. <i>Physical Review D</i> , 2014 , 90,	4.9	52
884	Study of $X(3915) \rightarrow J/\psi n$ two-photon collisions. <i>Physical Review D</i> , 2012 , 86,	4.9	52
883	Search for low-mass dark-sector Higgs bosons. <i>Physical Review Letters</i> , 2012 , 108, 211801	7.4	52
882	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
881	Dalitz plot analysis of the decay $B_{\text{c}}^+ \rightarrow K^0 K^0 K^+$. <i>Physical Review D</i> , 2006 , 74,	4.9	52
880	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
879	Measurement of the $B^0 \rightarrow \pi^-(l)(+\nu)$ form-factor shape and branching fraction, and determination of $ V_{\text{ub}} $ with a loose neutrino reconstruction technique. <i>Physical Review Letters</i> , 2007 , 98, 091801	7.4	52
878	Observation of CP Violation in Charm Decays. <i>Physical Review Letters</i> , 2019 , 122, 211803	7.4	51
877	Search for a low-mass higgs boson in $\text{Upsilon}(3S) \rightarrow \gamma A(0)$, $A(0) \rightarrow \tau^+ \tau^-$ at BABAR. <i>Physical Review Letters</i> , 2009 , 103, 181801	7.4	51
876	Branching fraction and form-factor shape measurements of exclusive charmless semileptonic B decays, and determination of $ V_{\text{ub}} $. <i>Physical Review D</i> , 2012 , 86,	4.9	51
875	Measurement of branching fractions for exclusive B decays to charmonium final states. <i>Physical Review D</i> , 2002 , 65,	4.9	51
874	Observation of a New $\chi_{\text{b}}^{\{-}}$ Resonance. <i>Physical Review Letters</i> , 2018 , 121, 072002	7.4	50
873	Observation of the decay $B \rightarrow J/\psi \eta K$ and search for $X(3872) \rightarrow J/\psi \eta$. <i>Physical Review Letters</i> , 2004 , 93, 041801	7.4	50

872	Measurement of J/ψ production in continuum $e^{+}e^{-}$ annihilations near square root of $s = 10.6$ GeV. <i>Physical Review Letters</i> , 2001 , 87, 162002	7.4	50
871	Search for long-lived scalar particles in $B^{+} \rightarrow K^{+} \pi^{0} \pi^{0}$ decays. <i>Physical Review D</i> , 2017 , 95,	4.9	48
870	Study of $B \rightarrow D^{(*)} s J + D^{(*)}$ decays. <i>Physical Review Letters</i> , 2004 , 93, 181801	7.4	48
869	Measurements of the S-wave fraction in $B^0 \rightarrow K^{+} \pi^{-} \pi^{0}$ decays and the $B^0 \rightarrow K^{*}(892)^0 \pi^{+} \pi^{-}$ differential branching fraction. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	48
868	Measurement of forward J/ψ production cross-sections in pp collisions at $(\sqrt{s}=13)$ TeV. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	47
867	Measurements of CP violation in the three-body phase space of charmless $B \pi$ decays. <i>Physical Review D</i> , 2014 , 90,	4.9	47
866	Measurements of $B(B \rightarrow \bar{u} p)$ and $B(B \rightarrow \bar{u} p)$ and studies of \bar{u} resonances. <i>Physical Review D</i> , 2008 , 78,	4.9	47
865	Measurement of branching fractions and CP and isospin asymmetries for $B \rightarrow K^{*} \pi$ <i>Physical Review D</i> , 2004 , 70,	4.9	47
864	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
863	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
862	Measurements of branching fractions and CP-violating asymmetries in $B^0 \rightarrow \rho^{+/-} h^{+/-}$ decays. <i>Physical Review Letters</i> , 2003 , 91, 201802	7.4	46
861	Measurement of the $B \rightarrow J/\psi K^{*}(892)$ decay amplitudes. <i>Physical Review Letters</i> , 2001 , 87, 241801	7.4	46
860	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
859	Measurement of matter-antimatter differences in beauty baryon decays. <i>Nature Physics</i> , 2017 , 13, 391-396.2	6.2	45
858	Search for CPT and lorentz violation in B^0 - B^0 oscillations with dilepton events. <i>Physical Review Letters</i> , 2008 , 100, 131802	7.4	45
857	Amplitude analysis of $B \rightarrow D \pi$ decays. <i>Physical Review D</i> , 2016 , 94,	4.9	45
856	Measurement of the Lifetime of the Doubly Charmed Baryon Ξ_{cc}^{++} . <i>Physical Review Letters</i> , 2018 , 121, 052002	7.4	44
855	J/ψ production via initial state radiation in $e^{+}e^{-} \rightarrow \mu^{+}\mu^{-}$ at an $e^{+}e^{-}$ center-of-mass energy near 10.6 GeV. <i>Physical Review D</i> , 2004 , 69,	4.9	44

854	Precision measurement of the ratio of the . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 734, 122-130	4.2	43
853	Measurements of the semileptonic decays $B \rightarrow D$ and $B \rightarrow D^*$ using a global fit to $D X$ final states. <i>Physical Review D</i> , 2009 , 79,	4.9	43
852	Search for production of invisible final states in single-photon decays of $(1S)$. <i>Physical Review Letters</i> , 2011 , 107, 021804	7.4	43
851	Precision measurement of the $B \rightarrow X_s \gamma$ photon energy spectrum, branching fraction, and direct CP asymmetry $A_{CP}(B \rightarrow X(s+d))$. <i>Physical Review Letters</i> , 2012 , 109, 191801	7.4	43
850	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
849	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
848	Measurement of the exclusive π production cross-section in pp collisions at $(\sqrt{s}=7)$ TeV and 8 TeV. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	42
847	Search for the $Z_1(4050)^+$ and $Z_2(4250)^+$ states in $B^0 \rightarrow \pi^+ K^0$ and $B^+ \rightarrow \pi^+ K^0$. <i>Physical Review D</i> , 2012 , 85,	4.9	42
846	Evidence for direct CP violation in the measurement of the Cabbibo-Kobayashi-Maskawa angle β with $B^0 \rightarrow D^{(*)} K^{(*)}$ decays. <i>Physical Review Letters</i> , 2010 , 105, 121801	7.4	42
845	Limits on μ lepton-flavor violating decays into three charged leptons. <i>Physical Review D</i> , 2010 , 81,	4.9	42
844	Dalitz plot analysis of $B^0 \rightarrow \pi^+ \pi^-$ decays. <i>Physical Review D</i> , 2009 , 79,	4.9	42
843	Study of $B^0 \rightarrow \pi^+ \pi^-$, $B^0 \rightarrow \pi^+ \pi^0$, and $B^0 \rightarrow K^+ \pi^-$ decays, and isospin analysis of $B \rightarrow \pi$ decays. <i>Physical Review D</i> , 2007 , 76,	4.9	42
842	Measurement of the $B \rightarrow K \pi$ branching fraction. <i>Physical Review D</i> , 2007 , 76,	4.9	42
841	Measurement of the hadronic form factor in $D^0 \rightarrow K^+ \pi^-$ decays. <i>Physical Review D</i> , 2007 , 76,	4.9	42
840	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
839	Search for the doubly charmed baryon (Ξ_{cc}^{++}). <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	41
838	Dalitz plot analysis of $B \rightarrow D \pi$. <i>Physical Review D</i> , 2009 , 79,	4.9	41
837	Search for hadronic decays of a light Higgs boson in the radiative decay $B \rightarrow A^0$. <i>Physical Review Letters</i> , 2011 , 107, 221803	7.4	41

836	Cross sections for the reactions $e+e\rightarrow K+K\bar{K}+K+K\bar{K}$, and $K+K\bar{K}+K\bar{K}$ measured using initial-state radiation events. <i>Physical Review D</i> , 2012 , 86,	4.9	41
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834	Search for the Decays $B_{s^0}\rightarrow\pi^+\pi^-$ and $B^0\rightarrow\pi^+\pi^-$. <i>Physical Review Letters</i> , 2017 , 118, 251802	7.4	40
833	Measurement of the $e+e\rightarrow p\bar{p}$ cross section in the energy range from 3.0 to 6.5 GeV. <i>Physical Review D</i> , 2013 , 88,	4.9	40
832	Exclusive measurements of $b\rightarrow s\ell\ell$ transition rate and photon energy spectrum. <i>Physical Review D</i> , 2012 , 86,	4.9	40
831	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
830	Vector-tensor and vector-vector decay amplitude analysis of $B^0\rightarrow\pi K^*$. <i>Physical Review Letters</i> , 2007 , 98, 051801	7.4	40
829	Measurement of the Mass Difference Between Neutral Charm-Meson Eigenstates. <i>Physical Review Letters</i> , 2019 , 122, 231802	7.4	39
828	Observation of Upsilon(4S) decays to $\pi^+\pi^-$ Upsilon(1S) and $\pi^+\pi^-$ Upsilon(2S). <i>Physical Review Letters</i> , 2006 , 96, 232001	7.4	39
827	Observation of B^0 meson decay to a $1^-(1260)\pi^+$. <i>Physical Review Letters</i> , 2006 , 97, 051802	7.4	39
826	Search for $B\rightarrow\eta\ell\ell$ <i>Physical Review D</i> , 2007 , 76,	4.9	39
825	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
824	Measurements of the branching fractions of exclusive charmless B meson decays with η or ω mesons. <i>Physical Review Letters</i> , 2001 , 87, 221802	7.4	39
823	Search for di-muon decays of a low-mass Higgs boson in radiative decays of the $\Upsilon(1S)$. <i>Physical Review D</i> , 2013 , 87,	4.9	38
822	Measurements of charged current lepton universality and $ V_{us} $ using tau lepton decays to $e^-\ell^+\ell^-$ ($\ell=e,\mu$) and $K^-\ell^+\ell^-$ <i>Physical Review Letters</i> , 2010 , 105, 051602	7.4	38
821	Production of charged pions, kaons, and protons in $e+e^-$ annihilations into hadrons at $s=10.54$ GeV. <i>Physical Review D</i> , 2013 , 88,	4.9	37
820	Time-dependent amplitude analysis of $B^0\rightarrow K_S^0\eta\ell\ell$ <i>Physical Review D</i> , 2009 , 80,	4.9	37
819	Measurement of $B\rightarrow K^*\gamma$ branching fractions and charge asymmetries. <i>Physical Review Letters</i> , 2002 , 88, 101805	7.4	37

818	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
817	Measurement of $D^0\bar{D}^0$ mixing using the ratio of lifetimes for the decays $D^0 \rightarrow K_S^0, K_S^{*0},$ and \bar{D}^0 . <i>Physical Review D</i> , 2008 , 78,	4.9	36
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815	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
814	Observation of the decay $B^+ \rightarrow K^+ K^- \pi^+$. <i>Physical Review Letters</i> , 2007 , 99, 221801	7.4	36
813	Improved limits on the lepton-flavor violating decays $\tau \rightarrow l^+ l^-$. <i>Physical Review Letters</i> , 2007 , 99, 251803	7.4	36
812	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
811	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
810	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
809	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
808	Search for massive long-lived particles decaying semileptonically in the LHCb detector. <i>European Physical Journal C</i> , 2017 , 77, 224	4.2	35
807	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
806	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
805	Observation of two new $\Xi(b)(-)$ baryon resonances. <i>Physical Review Letters</i> , 2015 , 114, 062004	7.4	35
804	Measurement of the $\Xi \rightarrow \bar{\Xi}$ transition form factor. <i>Physical Review D</i> , 2010 , 81,	4.9	35
803	Search for invisible decays of the Upsilon(1S). <i>Physical Review Letters</i> , 2009 , 103, 251801	7.4	35
802	Study of the $D_s J^*(2317)^+$ and $D_s J(2460)^+$ mesons in inclusive $cc\bar{c}$ production near $s=10.6$ GeV. <i>Physical Review D</i> , 2006 , 74,	4.9	35
801	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

800	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
799	Amplitude analysis of the $B^+ \rightarrow D^+ D_s^-$ decay. <i>Physical Review D</i> , 2020 , 102,	4-9	34
798	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
797	Quantum numbers of the $X(3872)$ state and orbital angular momentum in its DJ/ψ decay. <i>Physical Review D</i> , 2015 , 92,	4-9	34
796	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
795	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
794	Measurement of D^0 - D^0 mixing from a time-dependent amplitude analysis of $D^0 \rightarrow K^+ \pi^-$ decays. <i>Physical Review Letters</i> , 2009 , 103, 211801	7-4	34
793	Measurements of moments of the hadronic mass distribution in semileptonic B decays. <i>Physical Review D</i> , 2004 , 69,	4-9	34
792	Observation of a significant excess of $\pi^0\pi^0$ events in B meson decays. <i>Physical Review Letters</i> , 2003 , 91, 241801	7-4	34
791	Search for the decay $B^+ \rightarrow K^+ \nu \bar{\nu}$. <i>Physical Review Letters</i> , 2005 , 94, 101801	7-4	34
790	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
789	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
788	Study of χ_{c0} b meson production in $p p$ collisions at $\sqrt{s} = 7$ and 8 TeV. <i>European Physical Journal C</i> , 2014 , 74,	4-2	33
787	Searches for rare or forbidden semileptonic charm decays. <i>Physical Review D</i> , 2011 , 84,	4-9	33
786	Measurement of decay amplitudes of $B \rightarrow J/\psi K^*$, $(D_s)K^*$, and D^*K^* with an angular analysis. <i>Physical Review D</i> , 2007 , 76,	4-9	33
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784	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
783	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

782	Identification of beauty and charm quark jets at LHCb. <i>Journal of Instrumentation</i> , 2015 , 10, P06013-P06013	32
781	Measurement of the [Formula: see text] meson lifetime using [Formula: see text] decays. <i>European Physical Journal C</i> , 2014 , 74, 2839	4.2 32
780	Cross sections for the reactions $e^+e^- \rightarrow K_S^0 K_L^0$, $K_S^0 K_L^0 \pi^0$ and $K_S^0 K_S^0 K^0$ from events with initial-state radiation. <i>Physical Review D</i> , 2014 , 89,	4.9 32
779	Study of $B^0 \rightarrow \pi^0 \pi^0$ and $B^0 \rightarrow \pi^+ \pi^-$ decays at BABAR. <i>Physical Review D</i> , 2008 , 77,	4.9 32
778	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
777	Measurements of long-range near-side angular correlations in $\sqrt{s}=5$ 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
776	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
775	Measurement of CP asymmetries and branching fractions in charmless two-body B-meson decays to pions and kaons. <i>Physical Review D</i> , 2013 , 87,	4.9 31
774	Dalitz plot analysis of $D_{s^{*+}} \rightarrow \pi^0 \pi^0$. <i>Physical Review D</i> , 2009 , 79,	4.9 31
773	Improved measurement of CP violation in neutral B decays to $c\bar{c}$. <i>Physical Review Letters</i> , 2007 , 99, 171803	7.4 31
772	Measurement of CP violation parameters with a Dalitz plot analysis of $B^{\pm} \rightarrow D^0 \pi^{\pm} \pi^0 K^{\pm}$. <i>Physical Review Letters</i> , 2007 , 99, 251801	7.4 31
771	Measurement of the B^+/B^0 production ratio from the $\Upsilon(4S)$ meson using $B^+ \rightarrow J/\psi K^+$ and $B^0 \rightarrow J/\psi K^0$ decays. <i>Physical Review D</i> , 2004 , 69,	4.9 31
770	Improved Measurement of the Cabibbo-Kobayashi-Maskawa angle α using $B^0(B^{\pm}) \rightarrow \rho^+ \rho^-$ decays. <i>Physical Review Letters</i> , 2005 , 95, 041805	7.4 31
769	Measurement of the decays $B^0 \rightarrow \pi^0 K^0$ and $B^0 \rightarrow \pi^0 K^{*0}$. <i>Physical Review Letters</i> , 2001 , 87, 151801	7.4 31
768	Study of the kinematic dependences of $\Upsilon(4S) \rightarrow b\bar{b}$ production in pp collisions and a measurement of the $\Upsilon(4S) \rightarrow c\bar{c}$ branching fraction. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4 30
767	First observation and amplitude analysis of the $B^0 \rightarrow D^+ K^-$ decay. <i>Physical Review D</i> , 2015 , 91,	4.9 30
766	Precision measurement of the mass and lifetime of the $\Lambda_b(0)$ baryon. <i>Physical Review Letters</i> , 2014 , 113, 032001	7.4 30
765	Measurement of $D^0 \bar{D}^0$ mixing using the ratio of lifetimes for the decays $D^0 \rightarrow K^+ \pi^-$ and $K^+ K^-$. <i>Physical Review D</i> , 2009 , 80,	4.9 30

764	Dalitz plot analysis of $D_{s^{++}} \rightarrow K+K$. <i>Physical Review D</i> , 2011 , 83,	4.9	30
763	Amplitude analysis of the decay $B_{\bar{c}} \rightarrow \bar{c} \bar{c} \bar{c}$. <i>Physical Review D</i> , 2005 , 72,	4.9	30
762	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	30
761	Precision measurement of the $\bar{\Lambda}^+$ baryon mass. <i>Physical Review D</i> , 2005 , 72,	4.9	30
760	Observation of the $\Lambda b \rightarrow J/\psi \Lambda$ decay. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	29
759	Observation of photon polarization in the $b \rightarrow s$ transition. <i>Physical Review Letters</i> , 2014 , 112, 161801	7.4	29
758	Observation of direct CP violation in the measurement of the Cabibbo-Kobayashi-Maskawa angle β with $B_{\bar{c}} \rightarrow D^{(*)} K^{(*)} \bar{c}$ decays. <i>Physical Review D</i> , 2013 , 87,	4.9	29
757	Measurement of the $B_0 \rightarrow \bar{c} \bar{c}$ and $B^+ \rightarrow \bar{c} \bar{c}$ branching fractions, the $B_0 \rightarrow \bar{c} \bar{c}$ and $B^+ \rightarrow \bar{c} \bar{c}$ form-factor shapes, and determination of $ V_{ub} $. <i>Physical Review D</i> , 2011 , 83,	4.9	29
756	Study of $B \rightarrow D^{(*)} D_s(J)^{(*)}$ decays and measurement of D_s and $D_s J(2460)$ branching fractions. <i>Physical Review D</i> , 2006 , 74,	4.9	29
755	Observation of Two Resonances in the $\bar{B}^0 \rightarrow \bar{c} \bar{c}$ Systems and Precise Measurement of $\bar{B}^0 \rightarrow \bar{c} \bar{c}$ and $\bar{B}^0 \rightarrow \bar{c} \bar{c}$ Properties. <i>Physical Review Letters</i> , 2019 , 122, 012001	7.4	29
754	Measurement of the semileptonic CP asymmetry in $B_0 \rightarrow B^0$ mixing. <i>Physical Review Letters</i> , 2015 , 114, 041601	7.4	28
753	Observation of the $\chi(3D_J)$ bottomonium state through decays to $\bar{c} \bar{c} (1S)$. <i>Physical Review D</i> , 2010 , 82,	4.9	28
752	Study of $B \rightarrow X \bar{c}$ decays and determination of $ V_{td}/V_{ts} $. <i>Physical Review D</i> , 2010 , 82,	4.9	28
751	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
750	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
749	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
748	Measurement of CP-violating asymmetries in $B_0 \rightarrow \bar{D}^0$ using a time-dependent Dalitz plot analysis. <i>Physical Review D</i> , 2007 , 76,	4.9	28
747	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 $p \bar{p}$ final states. <i>Physical Review D</i> , 2007 , 76,	4.9	28

746	Study of prompt D^0 meson production in pPb collisions at $(\sqrt{s_{\mathrm{NN}}}) = 5$ TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5-4	27
745	Study of $B^0 \rightarrow J/\psi + K^0$ and search for $B^0 \rightarrow J/\psi$ at BaBar. <i>Physical Review D</i> , 2015 , 91,	4-9	27
744	Study of $(\varDelta\alpha_{\mathrm{EM}})$ production and cold nuclear matter effects in pPb collisions at $(\sqrt{s_{\mathrm{NN}}}) = 5$ TeV. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5-4	27
743	First measurement of the differential branching fraction and CP asymmetry of the $B^0 \rightarrow \pi^+ \pi^-$ decay. <i>Journal of High Energy Physics</i> , 2015 , 2015,	5-4	27
742	Measurement of $D^0\bar{D}^0$ mixing and CP violation in two-body D^0 decays. <i>Physical Review D</i> , 2013 , 87,	4-9	27
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740	Search for the rare decay $B^0 \rightarrow \tau^+ \tau^-$ at BABAR. <i>Physical Review Letters</i> , 2006 , 96, 241802	7-4	27
739	Study of $B \rightarrow \pi$ and $B \rightarrow \rho$ decays and determination of $ V_{ub} $. <i>Physical Review D</i> , 2005 , 72,	4-9	27
738	Measurements of the decays $B^0 \rightarrow D^0 \pi^+ \pi^-$, $B^0 \rightarrow D^+ \pi^- \pi^0$, $B^0 \rightarrow D^0 \rho^+ \rho^-$, and $B^0 \rightarrow D^+ \rho^- \pi^0$. <i>Physical Review D</i> , 2006 , 74,	4-9	27
737	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
736	Prompt and nonprompt J/ψ production and nuclear modification in pPb collisions at $\sqrt{s_{\mathrm{NN}}} = 8.16$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017 , 774, 159-178	4-2	26
735	Measurement of b hadron fractions in 13 TeV pp collisions. <i>Physical Review D</i> , 2019 , 100,	4-9	26
734	Search for long-lived particles decaying to jet pairs. <i>European Physical Journal C</i> , 2015 , 75, 152	4-2	26
733	Precision measurement of the mass and lifetime of the Λ_b^0 baryon. <i>Physical Review Letters</i> , 2014 , 113, 242002	7-4	26
732	Search for a low-mass scalar Higgs boson decaying to a tau pair in single-photon decays of $\chi(1S)$. <i>Physical Review D</i> , 2013 , 88,	4-9	26
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730	Measurement of semileptonic B decays into orbitally excited charmed mesons. <i>Physical Review Letters</i> , 2009 , 103, 051803	7-4	26
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723	Evidence for an resonance in decays. <i>European Physical Journal C</i> , 2018 , 78, 1019	4.2	26
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711	Study of the decay $D_s^+ \rightarrow K^+ K^0 \pi^+$. <i>Physical Review D</i> , 2008 , 78,	4.9	25

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676	Search for the lepton flavour violating decay $\mu \rightarrow e \gamma$. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	22
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662	Measurement of the time-dependent CP-violating asymmetry in $B^0 \rightarrow K_S^0 \pi^0$ decays. <i>Physical Review D</i> , 2005 , 72,	4.9	22
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659	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
658	Study of Beauty Hadron Decays into Pairs of Charm Hadrons. <i>Physical Review Letters</i> , 2014 , 112,	7.4	21
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643	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
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639	Measurement of the $B \rightarrow D^{(*)} D^{(*)} K$ branching fractions. <i>Physical Review D</i> , 2011 , 83,	4.9	20

638	Study of $B \rightarrow Xu$ decays in BB events tagged by a fully reconstructed B-meson decay and determination of $ V_{ub} $. <i>Physical Review D</i> , 2012 , 86,	4.9	20
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636	Evidence for CP violation in $B_0 \rightarrow J/\psi\pi^0$ decays. <i>Physical Review Letters</i> , 2008 , 101, 021801	7.4	20
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629	Search for D_0D_0 mixing using semileptonic decay modes. <i>Physical Review D</i> , 2004 , 70,	4.9	20
628	Determination of $ V_{ub} $ from measurements of the electron and neutrino momenta in inclusive semileptonic B decays. <i>Physical Review Letters</i> , 2005 , 95, 111801	7.4	20
627	Measurements of the branching fraction and CP-violation asymmetries in $B_0 \rightarrow f_0(980)K_0S$. <i>Physical Review Letters</i> , 2005 , 94, 041802	7.4	20
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625	Search for T and CP violation in B_0 - B_0 mixing with inclusive dilepton events. <i>Physical Review Letters</i> , 2002 , 88, 231801	7.4	20
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622	Measurement of the CKM angle γ using $B \rightarrow DK$ with $D \rightarrow K^0S^{\pm} \rightarrow K^0S^{\pm}K^{\pm}K^{\mp}$ decays. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	19
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616	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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613	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
612	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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610	Measurement of the B^0 - B^0 oscillation frequency with inclusive dilepton events. <i>Physical Review Letters</i> , 2002 , 88, 221803	7.4	19
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598	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
597	Dalitz plot analysis of $D^0 \rightarrow K^0 K^+ K^-$. <i>Physical Review D</i> , 2005 , 72,	4.9	18
596	Measurement of time-dependent CP asymmetries in $B^0 \rightarrow D^{(*)} \pi^0$ and $B^0 \rightarrow D \pi^0$ decays. <i>Physical Review D</i> , 2006 , 73,	4.9	18
595	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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592	First Measurement of Charm Production in its Fixed-Target Configuration at the LHC. <i>Physical Review Letters</i> , 2019 , 122, 132002	7.4	17
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588	Observation of $B(s)(0) \rightarrow J/\psi(1285)$ decays and measurement of the $f_1(1285)$ mixing angle. <i>Physical Review Letters</i> , 2014 , 112, 091802	7.4	17
587	Measurement of the $\Upsilon(3P)$ mass and of the relative rate of $\Upsilon(1P)$ and $\Upsilon(2P)$ production. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	17
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585	Observation of $\Upsilon(1S)$ and $\Upsilon(2S)$ decays to $K^+ K^- \pi^0$ in two-photon interactions. <i>Physical Review D</i> , 2011 , 84,	4.9	17

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581	Search for the rare decay $B \rightarrow \pi^+ l^-$. <i>Physical Review Letters</i> , 2007 , 99, 051801	7.4	17
580	Measurement of $\cos 2\beta$ in $B_{(s)} \rightarrow D_{(s)}^{(*)} h_{(s)}$ decays with a time-dependent Dalitz plot analysis of $D \rightarrow K_{(s)} \pi_{(s)} \pi_{(s)}$. <i>Physical Review Letters</i> , 2007 , 99, 231802	7.4	17
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577	Rare B decays into states containing a J/ψ meson and a meson with $s(-)s$ quark content. <i>Physical Review Letters</i> , 2003 , 91, 071801	7.4	17
576	Observations of $\Lambda_b \rightarrow \bar{K}^0$ and $\Lambda_b \rightarrow \bar{K}^0 + K^0$ decays and searches for other Λ_b and Λ_b decays to $\bar{B} + h^0$ final states. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	17
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573	Testing lepton flavour universality in semileptonic $\bar{B} \rightarrow \bar{K}^* c$ decays. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	17
572	First Experimental Study of Photon Polarization in Radiative $B_{(s)}^0$ Decays. <i>Physical Review Letters</i> , 2017 , 118, 021801	7.4	16
571	Search for CP violation in $D^0 \rightarrow \bar{K}^0 \pi^0$ decays with the energy test. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015 , 740, 158-167	4.2	16
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568	Evidence for the decay ($B_c^+ \rightarrow J/\psi \pi^+ \pi^0$). <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	16
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563	Dalitz plot analysis of $B^0 \rightarrow K^+ K^-$ and $B^0 \rightarrow K^+ K^0$ in two-photon interactions. <i>Physical Review D</i> , 2014 , 89,	4.9	16
562	Search for CP violation using T-odd correlations in $D^0 \rightarrow K^+ K^-$ decays. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	16
561	Search for CP violation and a measurement of the relative branching fraction in $D^+ \rightarrow K^+ K^0$ decays. <i>Physical Review D</i> , 2005 , 71,	4.9	16
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558	Search for Higgs-like bosons decaying into long-lived exotic particles. <i>European Physical Journal C</i> , 2016 , 76, 664	4.2	16
557	Measurement of CP observables in $B^0 \rightarrow DK^0$ and $B^0 \rightarrow D^0 K^0$ with two- and four-body D decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 760, 117-131	4.2	16
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554	Search for CP violation in the decay $B^0 \rightarrow D^0 K^+ K^-$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 728, 585-595	4.2	15
553	Observation of the $B^0 \rightarrow J/\psi K^0$ decay. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017 , 772, 265-273	4.2	15
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546	Observation of $B \rightarrow a_1(1260)K_0$ and $B_0 \rightarrow a_1(1260)K^+$. <i>Physical Review Letters</i> , 2008 , 100, 051803	7.4	15
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536	Observation of $\bar{D}^*b \rightarrow (\rho S)\rho K$ and $\bar{D}^*b \rightarrow J/\psi \rho K$ decays and a measurement of the \bar{D}^*b baryon mass. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	15
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528	Evidence for CP violation in $B^+ \rightarrow \pi^+\pi^0$ decays. <i>Physical Review Letters</i> , 2014 , 113, 141801	7.4	14
527	Measurement of the forward W boson cross-section in pp collisions at ($\sqrt{s}=7$) TeV. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	14
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519	Search for the rare leptonic decays $B^+ \rightarrow \pi^+ \ell^+ \ell^-$ ($\ell = e, \mu$). <i>Physical Review D</i> , 2009 , 79,	4.9	14
518	Study of the baryonic B decay $B \rightarrow \bar{B}^0 p$. <i>Physical Review D</i> , 2012 , 86,	4.9	14
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512	B meson decays to B^* , B_s^* , and B_0 . <i>Physical Review D</i> , 2006 , 74,	4.9	14
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508	Angular Analysis of the $B^+ \rightarrow K^{*+} \pi^+ \pi^-$ Decay. <i>Physical Review Letters</i> , 2021 , 126, 161802	7.4	14
507	Search for the lepton-flavour violating decay $D_0 \rightarrow e \mu$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 754, 167-175	4.2	14
506	Amplitude Analysis of $B^{\pm} \rightarrow \pi^{\pm} K^+ K^-$ Decays. <i>Physical Review Letters</i> , 2019 , 123, 231802	7.4	14
505	Model-Independent Observation of Exotic Contributions to $B^0 \rightarrow J/\psi K^+ K^-$ Decays. <i>Physical Review Letters</i> , 2019 , 122, 152002	7.4	13
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492	Branching fraction measurement of $B^+ \rightarrow \dots$ decays. <i>Physical Review D</i> , 2013 , 87,	4.9	13
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489	Observation of the rare decay $B^+ \rightarrow K^+ \dots$ and measurement of the quasi-two-body contributions $B^+ \rightarrow K^*(892)^+ \dots$, $B^+ \rightarrow f_0(980) K^+$, and $B^+ \rightarrow \dots K^+$. <i>Physical Review D</i> , 2011 , 84,	4.9	13
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481	Search for B-meson decays to two-body final states with $a_0(980)$ mesons. <i>Physical Review D</i> , 2004 , 70,	4.9	13
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479	Measurement of time-dependent CP asymmetries and the CP-odd fraction in the decay $B^0 \rightarrow D^{(*)} D^{(*)}$. <i>Physical Review Letters</i> , 2003 , 91, 131801	7.4	13
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474	First study of the CP-violating phase and decay-width difference in $B_s^0 \rightarrow \psi(2S)$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 762, 253-262	4.2	13
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472	Central exclusive production of J/ ψ and $\psi(2S)$ mesons in pp collisions at $s = 13$ TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018,	5.4	13
471	Measurement of CP asymmetries in two-body $B(s)0$ -meson decays to charged pions and kaons. <i>Physical Review D</i> , 2018 , 98,	4.9	13
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469	Test of lepton universality with ($\Lambda_b^0 \rightarrow p K^+ \ell^- \bar{\ell}^+$) decays. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	12
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453	Study of the decay $B \rightarrow D^* + \pi$ <i>Physical Review D</i> , 2006 , 74,	4.9	12
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451	Branching fraction limits for B^0 decays to η, η' and η . <i>Physical Review D</i> , 2006 , 73,	4.9	12
450	Search for the decay $B^+ \rightarrow \eta \pi^+$ <i>Physical Review D</i> , 2006 , 73,	4.9	12
449	Search for the decay $B^0 \rightarrow a_1 \eta$. <i>Physical Review D</i> , 2006 , 74,	4.9	12
448	Measurement of CP observables for the decays $B \rightarrow DCP^0 K$. <i>Physical Review D</i> , 2006 , 73,	4.9	12
447	Measurement of time-dependent CP asymmetries in $B^0 \rightarrow D^{(*)+/-} \pi^{+/-}$ decays and constraints on $\sin(2\beta + \gamma)$. <i>Physical Review Letters</i> , 2004 , 92, 251801	7.4	12
446	Measurements of branching fractions and CP-violating asymmetries in B meson decays to charmless two-body states containing a $K(0)$. <i>Physical Review Letters</i> , 2004 , 92, 201802	7.4	12
445	Measurement of time-dependent CP asymmetries and constraints on $\sin(2\beta + \gamma)$ with partial reconstruction of $B^0 \rightarrow D^{*+/-} \pi^{+/-}$ decays. <i>Physical Review Letters</i> , 2004 , 92, 251802	7.4	12
444	Measurement of the branching fraction of $\Gamma(4S) \rightarrow B^0 \bar{B}^0$. <i>Physical Review Letters</i> , 2005 , 95, 042001	7.4	12
443	Branching fraction and CP asymmetries of $B^0 \rightarrow K^0(S) \bar{K}^0(S) K^0(S)$. <i>Physical Review Letters</i> , 2005 , 95, 011801	7.4	12
442	Search for decays of $B^0 \rightarrow e^+ e^-$, $B^0 \rightarrow \mu^+ \mu^-$, $B^0 \rightarrow e^+ \mu^-$. <i>Physical Review Letters</i> , 2005 , 94, 221803	7.4	12
441	Observation of the $B^0 \rightarrow \eta$ decay. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 759, 282-292	4.2	12

440	Measurement of the spectral function for the $B \rightarrow K^* K^* S$ decay. <i>Physical Review D</i> , 2018 , 98,	4.9	12
439	Measurement of the inelastic pp cross-section at a centre-of-mass energy of 13 TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	12
438	Measurement of the Λ_c^+ Baryon Lifetime. <i>Physical Review Letters</i> , 2018 , 121, 092003	7.4	12
437	Measurement of CP asymmetry in $D^0 \rightarrow K^* K^+$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017 , 767, 177-187	4.2	11
436	Study of coherent J/ψ production in lead-lead collisions at $\sqrt{s_{NN}}=5\text{TeV}$ with the LHCb experiment. <i>Nuclear Physics A</i> , 2019 , 982, 247-250	1.3	11
435	Precision measurement of the (χ_{cc}^{++}) mass. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	11
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433	Model-independent measurement of mixing parameters in $D^0 \rightarrow K^* K^* S$ decays. <i>Journal of High Energy Physics</i> , 2016 , 2016,	5.4	11
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430	Measurement of the time-integrated CP asymmetry in $D^0 \rightarrow K^* K^* K^*$ decays. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	11
429	Measurement of CP violation parameters in $B^0 \rightarrow D^* K^*$ decays. <i>Physical Review D</i> , 2014 , 90,	4.9	11
428	Measurement of the semileptonic branching fraction of the B_s meson. <i>Physical Review D</i> , 2012 , 85,	4.9	11
427	Measurement of CP-violating asymmetries in $B^0 \rightarrow D^*$ decays using a time-dependent Dalitz plot analysis. <i>Physical Review D</i> , 2013 , 88,	4.9	11
426	Search for $b \rightarrow u$ transitions in $B^0 \rightarrow [K^*] D^* K^*$ decays. <i>Physical Review D</i> , 2011 , 84,	4.9	11
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424	Measurement of the branching fraction and ρ polarization in $B^0 \rightarrow \rho K^*$ <i>Physical Review D</i> , 2009 , 79,	4.9	11
423	Search for $B \rightarrow K^* K^*$ decays. <i>Physical Review D</i> , 2008 , 78,	4.9	11

422	Measurement of the branching fractions of the radiative charm decays $D^0 \rightarrow K^*0\gamma$ and $D^0 \rightarrow \pi^0\gamma$. <i>Physical Review D</i> , 2008 , 78,	4.9	11
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420	Measurement of the $B^0 \rightarrow \pi^0\pi^0$ branching fraction and direct CP asymmetry. <i>Physical Review D</i> , 2007 , 75,	4.9	11
419	Branching fraction and charge asymmetry measurements in $B \rightarrow J/\psi$ decays. <i>Physical Review D</i> , 2007 , 76,	4.9	11
418	Evidence for $B(0) \rightarrow \rho(0)\rho(0)$ decays and implications for the Cabibbo-Kobayashi-Maskawa angle α . <i>Physical Review Letters</i> , 2007 , 98, 111801	7.4	11
417	Measurement of the branching ratios $(D_s^{*+} \rightarrow D_s^+\pi^0)/(D_s^{*+} \rightarrow D_s^+\eta)$ and $(D^{*0} \rightarrow D^0\pi^0)/(D^{*0} \rightarrow D^0\eta)$. <i>Physical Review D</i> , 2005 , 72,	4.9	11
416	Measurement of the branching fraction for $B^0 \rightarrow \pi^0 K^0$. <i>Physical Review D</i> , 2004 , 69,	4.9	11
415	Searches for B^0 decays to combinations of two charmless isoscalar mesons. <i>Physical Review Letters</i> , 2004 , 93, 181806	7.4	11
414	Measurement of the $B^0 \rightarrow J/\psi\pi^+\pi^-$ branching fraction. <i>Physical Review Letters</i> , 2003 , 90, 091801	7.4	11
413	Search for radiative penguin decays $B^+(\pi^+) \rightarrow \rho^+\gamma$, $B(0) \rightarrow \rho(0)\gamma$, and $B(0) \rightarrow \omega\gamma$. <i>Physical Review Letters</i> , 2005 , 94, 011801	7.4	11
412	Search for factorization-suppressed $B \rightarrow \chi(c)K^*$ decays. <i>Physical Review Letters</i> , 2005 , 94, 171801	7.4	11
411	Measurement of the $\pi^0 \rightarrow \pi^0$ transition form factor. <i>Physical Review D</i> , 2018 , 98,	4.9	11
410	Studies of the resonance structure in decays. <i>European Physical Journal C</i> , 2018 , 78, 443	4.2	11
409	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
408	Observation of New Resonances Decaying to $J/\psi K^+$ and J/ψ . <i>Physical Review Letters</i> , 2021 , 127, 082001	7.4	11
407	Study of charmonium production in π -hadron decays and first evidence for the decay. <i>European Physical Journal C</i> , 2017 , 77, 609	4.2	10
406	Observation of New χ_{c0} Baryons Decaying to $\chi_{c1}^+ K^-$. <i>Physical Review Letters</i> , 2020 , 124, 222001	7.4	10
405	Measurement of CP observables in $B^0 \rightarrow D^*(?)K^0$ and $B^0 \rightarrow D^*(?)\pi^0$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018 , 777, 16-30	4.2	10

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403	Study of (ΛS) production and cold nuclear matter effects in pPb collisions at $(\sqrt{s_{NN}}=5)$ TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	10
402	First observation of the decay $D^0 \rightarrow K^+ K^- \pi^0$ in the $\pi\pi$ region of the dimuon mass spectrum. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 757, 558-567	4.2	10
401	Measurement of the Λ^0 and Σ^0 baryon lifetimes. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 736, 154-162	4.2	10
400	Measurement of $B_{\{s\}^0}$ and $D_{\{s\}^-}$ Meson Lifetimes. <i>Physical Review Letters</i> , 2017 , 119, 101801	7.4	10
399	Observation of the suppressed decay $\Lambda^0 b \rightarrow p \pi^+ \pi^-$. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	10
398	Measurement of B^0 , B_s^0 , B^+ and B^0 production asymmetries in 7 and 8 TeV proton-proton collisions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017 , 774, 139-158	4.2	10
397	First Observation of a Baryonic $B_{\{s\}^0}$ Decay. <i>Physical Review Letters</i> , 2017 , 119, 041802	7.4	10
396	First Observation of CP Violation in $B^0 \rightarrow D_{CP}^{(*)} h^0$ Decays by a Combined Time-Dependent Analysis of BABAR and Belle Data. <i>Physical Review Letters</i> , 2015 , 115, 121604	7.4	10
395	Search for the decay $(B_{\{s\}^0} \rightarrow \overline{D}^0 f_0(980))$. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	10
394	Measurement of the $B_{\{s\}^0}$ meson lifetime in D_{s^+} decays. <i>Physical Review Letters</i> , 2014 , 113, 172001	7.4	10
393	Observation of charmonium pairs produced exclusively in pp collisions. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2014 , 41, 115002	2.9	10
392	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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390	Measurement of the mass and width of the $D_{s1}(2536)^+$ meson. <i>Physical Review D</i> , 2011 , 83,	4.9	10
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388	Constraints on the CKM angle β in $B^0 \rightarrow D^0 K^0$ and $B^0 \rightarrow D^0 \bar{K}^0$ from a Dalitz analysis of D^0 and D^0 decays to $K_S^0 \pi^0$. <i>Physical Review D</i> , 2009 , 79,	4.9	10
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386	Improved measurement of CP observables in $B_{\pm} \rightarrow DCP0K_{\pm}$ decays. <i>Physical Review D</i> , 2008 , 77,	4.9	10
385	Observation of $e^+e^- \rightarrow \mu\mu$ near $s=10.58$ GeV. <i>Physical Review D</i> , 2008 , 78,	4.9	10
384	Observation of $B^+ \rightarrow b1+K0$ and search for B-meson decays to $b10K0$ and $b1\bar{0}$. <i>Physical Review D</i> , 2008 , 78,	4.9	10
383	Search for neutral B-meson decays to $a0\pi a0K, \pi$, and $\bar{0}$. <i>Physical Review D</i> , 2007 , 75,	4.9	10
382	Measurement of CP asymmetry in $B0 \rightarrow Ks0\pi\pi$ decays. <i>Physical Review D</i> , 2007 , 76,	4.9	10
381	Evidence for the decay $B_{\pm} \rightarrow K^*\pi\bar{0}$. <i>Physical Review D</i> , 2005 , 71,	4.9	10
380	Measurement of the $D^+ \rightarrow \mu\bar{0}$ and $D^+ \rightarrow K^+\bar{0}$ branching fractions. <i>Physical Review D</i> , 2006 , 74,	4.9	10
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378	Measurements of the branching fraction and time-dependent CP asymmetries of $B0 \rightarrow J/\psi\bar{0}$ decays. <i>Physical Review D</i> , 2006 , 74,	4.9	10
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373	Search for $B0$ decays to invisible final states and to $n\gamma$. <i>Physical Review Letters</i> , 2004 , 93, 091802	7.4	10
372	Measurement of the branching fractions and CP asymmetry of $B^{\pm} \rightarrow D(0)((CP))K^{\pm}$ decays with the BABAR detector. <i>Physical Review Letters</i> , 2004 , 92, 202002	7.4	10
371	Simultaneous measurement of the $B0$ meson lifetime and mixing frequency with $B0 \rightarrow D^*\pi\bar{0}$ decays. <i>Physical Review D</i> , 2003 , 67,	4.9	10
370	Study of CP-violating asymmetries in $B0 \rightarrow \mu\bar{0}K^+\bar{0}$ decays. <i>Physical Review D</i> , 2002 , 65,	4.9	10
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366	Search for B_c^+ decays to the $pp\pi^0$ final state. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 759, 313-321	4.2	10
365	Prompt \bar{c} production in pPb collisions at $(\sqrt{s_{\text{NN}}}=5.02)$ TeV. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	10
364	Measurement of the mass and production rate of B baryons. <i>Physical Review D</i> , 2019 , 99,	4.9	9
363	Determination of Γ and \mathcal{B} from charmless two-body decays of beauty mesons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015 , 741, 1-11	4.2	9
362	A measurement of the CP asymmetry difference between $\bar{c}^+ \rightarrow pK^+$ and $p\bar{c}$ decays. <i>Journal of High Energy Physics</i> , 2018 , 2018,	5.4	9
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360	Measurement of the inclusive electron spectrum from B meson decays and determination of $ V_{ub} $. <i>Physical Review D</i> , 2017 , 95,	4.9	9
359	Measurement of the time-dependent CP asymmetries in $B_{s0} \rightarrow J/\psi S_0$. <i>Journal of High Energy Physics</i> , 2015 , 2015,	5.4	9
358	Observation of the $B_0 \rightarrow \pi\pi$ decay from an amplitude analysis of $B_0 \rightarrow (\pi^+\pi^-)$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015 , 747, 468-478	4.2	9
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356	Antideuteron production in $\tau(nS)$ decays and in $e^+e^- \rightarrow qq$ at $\sqrt{s} = 0.58$ GeV. <i>Physical Review D</i> , 2014 , 89,	4.9	9
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353	Search for second-class currents in $\tau_{\mu} \rightarrow \omega\pi^0 \nu_{\tau}$. <i>Physical Review Letters</i> , 2009 , 103, 041802	7.4	9
352	Measurement of the $B^+ \rightarrow \pi^+\pi^0$ and $B^+ \rightarrow \pi^+\pi^+$ branching fractions. <i>Physical Review D</i> , 2009 , 79,	4.9	9
351	Search for Lepton Flavor Violating Decays $B \rightarrow l\bar{l}s_0$ with the BABAR Experiment. <i>Physical Review D</i> , 2009 , 79,	4.9	9

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349	Measurements of branching fractions for $B^+ \rightarrow \pi^+ B^0 \rightarrow \pi^0$ and $B^0 \rightarrow \pi^0 B^0$. <i>Physical Review D</i> , 2008 , 78,	4.9	9
348	Observation of $B^+ \rightarrow \pi^+ \pi^0$ and search for B^0 decays to $\pi^0 \pi^0$, $\pi^0 \pi^+$, and $\pi^0 \pi^-$. <i>Physical Review D</i> , 2008 , 78,	4.9	9
347	Measurement of the CP asymmetry in $b \rightarrow s \gamma$ using a sum of exclusive final states. <i>Physical Review Letters</i> , 2008 , 101, 171804	7.4	9
346	Search for the decay $B^+ \rightarrow K^+ \pi^0(892) K^+$. <i>Physical Review D</i> , 2007 , 76,	4.9	9
345	Measurement of the relative branching fractions of $B^+ \rightarrow D^+ D^* / D^+ D^{*+} \pi^0$ decays in events with a fully reconstructed B meson. <i>Physical Review D</i> , 2007 , 76,	4.9	9
344	Branching fraction measurement of $B^0 \rightarrow D^{(*)+} \pi^-$ and $B^+ \rightarrow D^{(*)0} \pi^+$ and isospin analysis of $B^+ \rightarrow D^{(*)+} \pi^0$ decays. <i>Physical Review D</i> , 2007 , 75,	4.9	9
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342	Observation of decays $B^0 \rightarrow D_s^{(*)+} \pi^-$ and $B^0 \rightarrow D_s^{(*)-} K^+$. <i>Physical Review Letters</i> , 2007 , 98, 081801	7.4	9
341	Search for the decay $B^+ \rightarrow 4 \pi^+ \pi^0$. <i>Physical Review D</i> , 2005 , 72,	4.9	9
340	Measurement of the branching fractions for inclusive B^+ and B^0 decays to flavor-tagged D, Ds, and \bar{D}^+ . <i>Physical Review D</i> , 2004 , 70,	4.9	9
339	Branching fraction measurements of $B^+ \rightarrow \bar{D}^0 K^+$ decays. <i>Physical Review D</i> , 2004 , 70,	4.9	9
338	Search for the decay $B^0 \rightarrow J/\psi \pi^0$. <i>Physical Review D</i> , 2004 , 70,	4.9	9
337	Study of time-dependent CP asymmetry in neutral B decays to $J/\psi \pi^0$. <i>Physical Review Letters</i> , 2003 , 91, 061802	7.4	9
336	Measurement of time-dependent CP asymmetries and the CP-odd fraction in the decay $B^0 \rightarrow D^{*+} D^{*-}$. <i>Physical Review Letters</i> , 2005 , 95, 151804	7.4	9
335	Production and decay of $\chi(c)0$ at BABAR. <i>Physical Review Letters</i> , 2005 , 95, 142003	7.4	9
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333	Search for CP violation in $B^0 \rightarrow p K^0$ and $B^0 \rightarrow p \pi^0$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018 , 787, 124-133	4.2	9

332	Measurement of the CKM angle γ using $B^0 \rightarrow DK^0$ with $D \rightarrow K^0 S$ $\overline{K}^0 K^0$ decays. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	9
331	Search for the rare decay $B^+ \rightarrow p \pi^0$ <i>Physical Review D</i> , 2018 , 97,	4.9	9
330	Search for the suppressed decays $B^+ \rightarrow K^+ K^0$ and $B^+ \rightarrow \pi^+ K^0$ <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017 , 765, 307-316	4.2	8
329	Observation of $B_c^{+-} \rightarrow J/\psi D^{(*)} K^{(*)}$ decays. <i>Physical Review D</i> , 2017 , 95,	4.9	8
328	Measurements of charm mixing and CP violation using $D^0 \rightarrow K \pi$ decays. <i>Physical Review D</i> , 2017 , 95,	4.9	8
327	Extraction of form factors from a Four-Dimensional Angular Analysis of $B \rightarrow D^{(*)} \pi$ <i>Physical Review Letters</i> , 2019 , 123, 091801	7.4	8
326	Search for the rare decay $(B^+) \rightarrow (\mu^+ \mu^- \mu^+ \nu_\mu)$. <i>European Physical Journal C</i> , 2019 , 79, 1	4.2	8
325	Measurement of the Charm-Mixing Parameter γ_{CP} . <i>Physical Review Letters</i> , 2019 , 122, 011802	7.4	8
324	Measurement of the branching fractions of the radiative leptonic $B \rightarrow e \pi$ and $B \rightarrow \pi$ at BABAR. <i>Physical Review D</i> , 2015 , 91,	4.9	8
323	Study of B mixing from measurement of $B(s) \rightarrow J/\psi$ decay rates. <i>Journal of High Energy Physics</i> , 2015 , 2015,	5.4	8
322	Determination of quantum numbers for several excited charmed mesons observed in $B \rightarrow D^{*+} \pi$ decays. <i>Physical Review D</i> , 2020 , 101,	4.9	8
321	Observation of $B \rightarrow D^{(*)} \pi^+ \pi^- \pi^0$ decays in $e^+ e^-$ collisions at the $\Upsilon(4S)$ resonance. <i>Physical Review Letters</i> , 2016 , 116, 041801	7.4	8
320	Measurement of branching fractions of charmless four-body $B \rightarrow b$ and $B \rightarrow b$ decays. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	8
319	Evidence for the Rare Decay $B^+ \rightarrow p \pi^+ \pi^-$. <i>Physical Review Letters</i> , 2018 , 120, 221803	7.4	8
318	Measurement of polarization amplitudes and CP asymmetries in $B^0 \rightarrow \rho^0 K^*(892)^0$. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	8
317	Search for the decay $B^0 \rightarrow \rho^0 \pi^0$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 728, 234-243	4.2	8
316	Γ_{c1} and Γ_{c2} Resonance Parameters with the Decays $B \rightarrow J/\psi \pi$. <i>Physical Review Letters</i> , 2017 , 119, 221801	7.4	8
315	Measurement of the B^0 production cross-section in pp collisions at $\sqrt{s} = 7$ and 13 TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017,	5.4	8

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313	Search for long-lived heavy charged particles using a ring imaging Cherenkov technique at LHCb. <i>European Physical Journal C</i> , 2015 , 75, 595	4.2	8
312	Search for CP violation in $D^0 \rightarrow K^+ K^-$ and $D^0 \rightarrow K^+ K^- \pi^0$ decays. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	8
311	Measurement of the $B^+ \rightarrow \pi^+ \pi^0$ branching fraction with semileptonically tagged B mesons. <i>Physical Review D</i> , 2013 , 88,	4.9	8
310	Search for the rare decays $B \rightarrow \pi^+ \pi^-$ and $B^0 \rightarrow \pi^+ \pi^-$. <i>Physical Review D</i> , 2013 , 88,	4.9	8
309	Study of dipion bottomonium transitions and search for the $h_b(1P)$ state. <i>Physical Review D</i> , 2011 , 84,	4.9	8
308	Branching fraction of $B^0 \rightarrow K^+ K^- \pi^0$ decays. <i>Physical Review D</i> , 2012 , 86,	4.9	8
307	Search for resonances decaying to $\pi^+ \pi^-$ in two-photon interactions. <i>Physical Review D</i> , 2012 , 86,	4.9	8
306	Measurement of CP violation observables and parameters for the decays $B^0 \rightarrow DK^* \pi^0$. <i>Physical Review D</i> , 2009 , 80,	4.9	8
305	Measurement of the absolute branching fraction of $D^0 \rightarrow K^- \pi^+$. <i>Physical Review Letters</i> , 2008 , 100, 051802	4.9	8
304	Searches for B meson decays to $\pi^+ \pi^-$, $\pi^+ \rho^-$, $\pi^+ f_0(980)$, and $f_0(980) f_0(980)$ final states. <i>Physical Review Letters</i> , 2008 , 101, 201801	7.4	8
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301	Measurement of the absolute branching fractions $B \rightarrow D^0 \pi^+ \pi^-$ with a missing mass method. <i>Physical Review D</i> , 2006 , 74,	4.9	8
300	Measurement of the Time-Dependent CP Asymmetry in $B^0 \rightarrow D_{CP}^{(*)} h^0$ Decays. <i>Physical Review Letters</i> , 2007 , 99, 081801	7.4	8
299	Study of $b \rightarrow c$ interference in the decay $B^0 \rightarrow [K^+ \pi^-] DK^*$. <i>Physical Review D</i> , 2005 , 72,	4.9	8
298	Search for $B \rightarrow J/\psi D$ decays. <i>Physical Review D</i> , 2005 , 71,	4.9	8
297	Measurement of the ratio $B(B^+ \rightarrow X e^+) / B(B^0 \rightarrow X e^0)$. <i>Physical Review D</i> , 2006 , 74,	4.9	8

296	Observation of the exclusive reaction $e^+e^- \rightarrow \tau^+\tau^-$ at $\sqrt{s}=10.58$ GeV. <i>Physical Review D</i> , 2006 , 74,	4.9	8
295	Measurement of the branching fraction and polarization for the decay $B \rightarrow D^* K^*$. <i>Physical Review Letters</i> , 2004 , 92, 141801	7.4	8
294	Evidence for $B^+ \rightarrow K^0 K^+$ and $B^0 \rightarrow K^0 K^0$, and measurement of the branching fraction and search for direct CP violation in $B^+ \rightarrow K^0 \pi^+$. <i>Physical Review Letters</i> , 2005 , 95, 221801	7.4	8
293	Search for the decay $B^0 \rightarrow \gamma\gamma$. <i>Physical Review Letters</i> , 2001 , 87, 241803	7.4	8
292	Search for the lepton flavour violating decay $B^+ \rightarrow K^+ \mu^+ \mu^-$ using (B_{s2}^0) decays. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	8
291	Measurement of forward W and Z boson production in association with jets in proton-proton collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	8
290	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
289	Search for Lepton-Flavor Violating Decays $B^+ \rightarrow K^+ \mu^+ \mu^- e^+ \nu$. <i>Physical Review Letters</i> , 2019 , 123, 241802	7.4	8
288	Study of τ production in pPb collisions at ($\sqrt{s_{\text{NN}}}=8.16$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	8
287	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
286	Study of the process $e^+e^- \rightarrow \mu^+\mu^-$ using initial state radiation. <i>Physical Review D</i> , 2018 , 97,	4.9	8
285	Measurements of the branching fractions of $\tau^+ \rightarrow \rho^+ \pi^0$, $\tau^+ \rightarrow \rho^+ K^0$, and $\tau^+ \rightarrow \rho^+ K^+$. <i>Journal of High Energy Physics</i> , 2018 , 2018,	5.4	8
284	Search for the CP-violating strong decays $B \rightarrow \pi\pi$ and $B(958) \rightarrow \pi\pi$ <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017 , 764, 233-240	4.2	7
283	Observation of the Decay $B^+ \rightarrow \rho^+ K^+ K^-$. <i>Physical Review Letters</i> , 2017 , 118, 071801	7.4	7
282	Improved limit on the branching fraction of the rare decay. <i>European Physical Journal C</i> , 2017 , 77, 678	4.2	7
281	Search for a Stable Six-Quark State at BABAR. <i>Physical Review Letters</i> , 2019 , 122, 072002	7.4	7
280	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
279	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

278	Study of $D^*(*) + sJ$ mesons decaying to $D^* + K^0 S$ and $D^*0 K +$ final states. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5-4	7
277	Observation of the $B^0_s \rightarrow J/\psi$ decay. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5-4	7
276	Observation of the decay $B^0 \rightarrow \bar{D} + pp$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018 , 784, 101-111	4-2	7
275	First Observation of the Radiative Decay $\bar{B}^0 \rightarrow \bar{D}^0 \gamma$. <i>Physical Review Letters</i> , 2019 , 123, 031801	7-4	7
274	Updated measurement of time-dependent (CP)-violating observables in $(\{B\}^0 \rightarrow J/\psi K^+ K^-)$ decays. <i>European Physical Journal C</i> , 2019 , 79, 1	4-2	7
273	Observation of associated production of a Z boson with a D meson in the forward region. <i>Journal of High Energy Physics</i> , 2014 , 2014,	5-4	7
272	Search for CP violation in the phase space of $D^0 \rightarrow \pi^+ \pi^- \pi^0$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017 , 769, 345-356	4-2	7
271	Search for decays of neutral beauty mesons into four muons. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5-4	7
270	Search for a light Higgs resonance in radiative decays of the $\psi(1S)$ with a charm tag. <i>Physical Review D</i> , 2015 , 91,	4-9	7
269	Study of the $e^+e^- \rightarrow K^+ K^-$ reaction in the energy range from 2.6 to 8.0 GeV. <i>Physical Review D</i> , 2015 , 92,	4-9	7
268	Search for the rare decays $B^0 \rightarrow J/\psi \pi^0$ and $B_s^0 \rightarrow J/\psi \pi^0$. <i>Physical Review D</i> , 2015 , 92,	4-9	7
267	Observation of the $B(s)(0) \rightarrow \pi^+ \pi^-$ Decay. <i>Physical Review Letters</i> , 2015 , 115, 051801	7-4	7
266	First observations of the rare decays $B^+ \rightarrow K^+ \pi^+ \pi^-$ and $B^+ \rightarrow \pi^+ K^+ \pi^-$. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5-4	7
265	Search for direct CP violation in singly Cabibbo-suppressed $D^0 \rightarrow K^+ K^-$ decays. <i>Physical Review D</i> , 2013 , 87,	4-9	7
264	Measurement of the mass of the D^0 meson. <i>Physical Review D</i> , 2013 , 88,	4-9	7
263	Measurements of branching fractions, polarizations, and direct CP-violation asymmetries in $B^+ \rightarrow \pi^+ K^{*+}$ and $B^+ \rightarrow f_0(980) K^{*+}$ decays. <i>Physical Review D</i> , 2011 , 83,	4-9	7
262	Observation of the decay $B^- \rightarrow D(s)((^*)^+) K^- \pi^0$. <i>Physical Review Letters</i> , 2011 , 107, 041804	7-4	7
261	Time-dependent Dalitz plot analysis of $B^0 \rightarrow D^0 K^0 \pi^0$ decays. <i>Physical Review D</i> , 2008 , 77,	4-9	7

260	Measurement of ratios of branching fractions and CP-violating asymmetries of $B_{\bar{c}} \rightarrow D^* K_{\bar{c}}$ decays. <i>Physical Review D</i> , 2008 , 78,	4-9	7
259	Observation of $B^+ \rightarrow \pi^0 K^0$ and measurement of its branching fraction and charge asymmetry. <i>Physical Review D</i> , 2007 , 76,	4-9	7
258	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
257	Measurement of B decays to $\eta' K$. <i>Physical Review D</i> , 2007 , 75,	4-9	7
256	Measurements of B^+ branching fractions of Cabibbo-suppressed decay modes involving η and η' . <i>Physical Review D</i> , 2007 , 75,	4-9	7
255	Measurement of branching fractions and mass spectra of $B \rightarrow K \pi \pi$. <i>Physical Review Letters</i> , 2007 , 98, 211804	7-4	7
254	Observation of $B \rightarrow \eta' K^*$ and evidence for $B \rightarrow \eta' \rho^+$. <i>Physical Review Letters</i> , 2007 , 98, 051802	7-4	7
253	Search for the W-exchange decays $B^0 \rightarrow D_s^{(*)} D_s^{(*)+}$. <i>Physical Review D</i> , 2005 , 72,	4-9	7
252	Precise branching ratio measurements of the decays $D^0 \rightarrow \pi^0 \pi^0$ and $D^0 \rightarrow K^+ K^- \pi^0$ relative to the $D^0 \rightarrow K^+ K^- \pi^0$ decay. <i>Physical Review D</i> , 2006 , 74,	4-9	7
251	Search for rare quark-annihilation decays, $B_{\bar{c}} \rightarrow D_s^{(*)} \eta$. <i>Physical Review D</i> , 2006 , 73,	4-9	7
250	Search for the decay of a B^0 or B^0_s meson to $K^+ K^- K^0$ or $K^+ K^- \pi^0$. <i>Physical Review D</i> , 2006 , 74,	4-9	7
249	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
248	Measurement of time-dependent CP asymmetries in $B^0 \rightarrow D^{(*)+} D^{-}$ decays. <i>Physical Review Letters</i> , 2005 , 95, 131802	7-4	7
247	Measurement of the branching fraction and CP content for the decay $B^0 \rightarrow D^{(*)+} D^{*-}$. <i>Physical Review Letters</i> , 2002 , 89, 061801	7-4	7
246	Search for CP violation in $(\chi_{c1}^+ \rightarrow p K^- \pi^+)$ decays using model-independent techniques. <i>European Physical Journal C</i> , 2020 , 80, 1	4-2	7
245	Observation of a new baryon state in the $(\Lambda_{\text{b}}^0 \pi^+ \pi^-)$ mass spectrum. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5-4	7
244	Measurement of $f_{\text{s}}/f_{\text{u}}$ Variation with Proton-Proton Collision Energy and B-Meson Kinematics. <i>Physical Review Letters</i> , 2020 , 124, 122002	7-4	7
243	First Observation of the Decay $B_{\text{s}}^0 \rightarrow K^+ \pi^+ \pi^-$ and a Measurement of $ V_{\text{ub}} / V_{\text{cb}} $. <i>Physical Review Letters</i> , 2021 , 126, 081804	7-4	7

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241	Search for a dimuon resonance in the $\mu^+\mu^-$ mass region. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	7
240	Search for CP violation using triple product asymmetries in $B^0 \rightarrow p\bar{K}^0\bar{K}^0$ and $B^0 \rightarrow p\bar{K}^0K^0$ decays. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	7
239	Amplitude Analysis of the Decay $B^0 \rightarrow K_S^0\pi^+\pi^-$ and First Observation of the CP Asymmetry in $B^0 \rightarrow K_S^0(892)^-\pi^+$. <i>Physical Review Letters</i> , 2018 , 120, 261801	7.4	7
238	Measurement of the B^0 production asymmetry and the CP asymmetry in $B^0 \rightarrow J/\psi K^0$ decays. <i>Physical Review D</i> , 2017 , 95,	4.9	6
237	Measurement of $ V_{cb} $ with $B_s^0 \rightarrow D_s^*(\pi)\pi$ decays. <i>Physical Review D</i> , 2020 , 101,	4.9	6
236	First measurement of the CP-violating phase $(\phi_{s^{\overline{d}}})$ in $B^0 \rightarrow (K^+\pi^-)$ decays. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	6
235	Measurement of the $I=1/2$ $K\bar{K}$ -wave amplitude from Dalitz plot analyses of $B^0 \rightarrow K\bar{K}\pi$ two-photon interactions. <i>Physical Review D</i> , 2016 , 93,	4.9	6
234	Measurement of the mass and lifetime of the Λ_b baryon. <i>Physical Review D</i> , 2016 , 93,	4.9	6
233	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
232	Measurements of CP asymmetries in charmless four-body $(\{\varLambda\}^0_{\{b\}})$ and $(\{\varXi\}^0_{\{b\}})$ decays. <i>European Physical Journal C</i> , 2019 , 79, 1	4.2	6
231	Measurement of CP asymmetries in $D^0 \rightarrow \pi^+\pi^-$ and $D_s^0 \rightarrow \pi^+\pi^-$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017 , 771, 21-30	4.2	6
230	Observation of the decay $B^0 \rightarrow \tau^+\tau^-$ and evidence for $B^0 \rightarrow \tau^+\tau^-\pi^0$. <i>Journal of High Energy Physics</i> , 2017 , 2017,	5.4	6
229	Measurement of the $Y(nS)$ polarizations in pp collisions at $(\sqrt{s}=7)$ and 8 TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	6
228	Measurement of initial-state-final-state radiation interference in the processes $e^+e^- \rightarrow \mu^+\mu^-$ and $e^+e^- \rightarrow \mu^+\mu^- \gamma$. <i>Physical Review D</i> , 2015 , 92,	4.9	6
227	Measurement of CP asymmetries and polarisation fractions in $(B^0 \rightarrow \overline{K}^* K^0)$ decays. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	6
226	Search for the $\Lambda_b \rightarrow \tau^+$ and $\Lambda_b \rightarrow \tau^0$ decays with the LHCb detector. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	6
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222	Observation of the rare decay $B^0 \rightarrow KS^0K^0$. <i>Physical Review D</i> , 2010 , 82,	4.9	6
221	Observation of the decay $B^0 \rightarrow \bar{p}p$. <i>Physical Review D</i> , 2010 , 82,	4.9	6
220	Search for B-meson decays to b_1 and b_1K^* . <i>Physical Review D</i> , 2009 , 80,	4.9	6
219	Observation of $B^0 \rightarrow \bar{D}^0K^0$ and evidence for $B^+ \rightarrow \bar{D}^0K^+$. <i>Physical Review D</i> , 2008 , 78,	4.9	6
218	Study of B meson decays with excited eta and eta' mesons. <i>Physical Review Letters</i> , 2008 , 101, 091801	7.4	6
217	Measurement of the CP asymmetry and branching fraction of $B^0 \rightarrow \rho^0K^0$. <i>Physical Review Letters</i> , 2007 , 98, 051803	7.4	6
216	Search for the radiative decay $B^0 \rightarrow \gamma$. <i>Physical Review D</i> , 2005 , 72,	4.9	6
215	Measurement of the $B^0 \rightarrow D^0K^*$ branching fraction. <i>Physical Review D</i> , 2006 , 73,	4.9	6
214	Study of muon pair production from positron annihilation at threshold energy. <i>Journal of Instrumentation</i> , 2020 , 15, P01036-P01036	1	6
213	A precise measurement of the [Formula: see text] meson oscillation frequency. <i>European Physical Journal C</i> , 2016 , 76, 412	4.2	6
212	Measurement of the CKM angle β using $B^0 \rightarrow DK^0$ with $D \rightarrow KS^0$ decays. <i>Journal of High Energy Physics</i> , 2016 , 2016,	5.4	6
211	Measurement of CP Violation in $B^0 \rightarrow D^{*+}D^{-}$ Decays. <i>Physical Review Letters</i> , 2016 , 117, 261801	7.4	6
210	Model-independent measurement of the CKM angle β using $B^0 \rightarrow DK^0$ decays with $D \rightarrow K^0S^0$ and $K^0S^0K^0$. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	6
209	Measurement of $\cos 2\beta$ in $B^0 \rightarrow D^{(*)}h^0$ with $D \rightarrow KS^0$ decays by a combined time-dependent Dalitz plot analysis of BaBar and Belle data. <i>Physical Review D</i> , 2018 , 98,	4.9	6
208	Observation of the decay $B_s^0 \rightarrow D^0K^+K^-$. <i>Physical Review D</i> , 2018 , 98,	4.9	6
207	Measurement of χ production in pp collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	6

206	First observation of $B^+ \rightarrow D^+ s^+ K^+ K^0$ decays and a search for $B^+ \rightarrow D^+ s^+ ?$ decays. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5-4	6
205	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
204	Observation of charmless baryonic decays $B(s)^0 \rightarrow pp \pi^+ h^0$. <i>Physical Review D</i> , 2017 , 96,	4-9	5
203	Observation of the $(\Lambda_{\text{charm}}^0 \rightarrow \text{p} \pi^+ \pi^0)$ (3872) pK^0 decay. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5-4	5
202	Resonances in e^+e^- annihilation near 2.2 GeV. <i>Physical Review D</i> , 2020 , 101,	4-9	5
201	Observation of $B_{(s)}^0 \rightarrow D^+ K_{(S)}^0$ and Evidence for $B_{(s)}^0 \rightarrow D^+ K_{(S)}^0$ Decays. <i>Physical Review Letters</i> , 2016 , 116, 161802	7-4	5
200	Measurement of the $B^0 \rightarrow D^+ K^0$ branching fraction. <i>Physical Review D</i> , 2016 , 94,	4-9	5
199	Amplitude analysis of $B^0 \rightarrow K^0 K^0$ decays. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5-4	5
198	Impacts of radiative corrections on measurements of lepton flavour universality in $(B \rightarrow D \ell \nu_\ell)$ decays. <i>European Physical Journal C</i> , 2019 , 79, 1	4-2	5
197	Observation of the $B^0 \rightarrow J/\psi K^0$ decay. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5-4	5
196	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
195	Dalitz plot analyses of $J/\psi \rightarrow K^+ K^-$, $J/\psi \rightarrow K^+ K^0$, and $J/\psi \rightarrow K^0 K^0$ produced via e^+e^- annihilation with initial-state radiation. <i>Physical Review D</i> , 2017 , 95,	4-9	5
194	Study of $(\overline{b}b)$ correlations in high energy proton-proton collisions. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5-4	5
193	Measurement of the $e^+e^- \rightarrow K^0 K^0$ and $K^0 K^0$ cross sections using initial-state radiation. <i>Physical Review D</i> , 2017 , 95,	4-9	5
192	Determination of the branching fractions of $B^0 \rightarrow D^+ K^-$ and $B^0 \rightarrow D^0 K^+$. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5-4	5
191	Bottomonium spectroscopy and radiative transitions involving the $\chi_{B(1P,2P)}$ states at BaBar. <i>Physical Review D</i> , 2014 , 90,	4-9	5
190	Branching fractions and CP-violating asymmetries in radiative B decays to $\chi_{B(1P,2P)}$. <i>Physical Review D</i> , 2009 , 79,	4-9	5
189	Evidence for $B^+ \rightarrow K^+ K^0 K^+$. <i>Physical Review D</i> , 2009 , 79,	4-9	5

188	Measurements of branching fractions and CP asymmetries and studies of angular distributions for $B \rightarrow \pi K$ decays. <i>Physical Review D</i> , 2011 , 84,	4.9	5
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186	Measurement of CP asymmetries in $B_0 \rightarrow K_S K_S K_S$ decays. <i>Physical Review D</i> , 2007 , 76,	4.9	5
185	Search for the rare decays $B^+ \rightarrow D^{(*)} K_S$. <i>Physical Review D</i> , 2005 , 72,	4.9	5
184	Measurements of B meson decays to K^* and π <i>Physical Review D</i> , 2005 , 71,	4.9	5
183	Search for the rare decays $B_0 \rightarrow D_s^{(*)} a_0(2)$ <i>Physical Review D</i> , 2006 , 73,	4.9	5
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179	Measurement of the branching fractions for $(\bar{B}_S) \rightarrow e^+ e^- \pi^0$ and $(\bar{B}_S) \rightarrow \pi^0 \pi^0$ <i>Physical Review D</i> , 2001 , 65,	4.9	5
178	Study of $B_{\bar{d}} \rightarrow J/\psi \pi^0$ and $B_{\bar{d}} \rightarrow J/\psi \pi^{\pm}$ decays: Measurement of the ratio of branching fractions and search for direct CP-violating charge asymmetries. <i>Physical Review D</i> , 2002 , 65,	4.9	5
177	Branching Fraction Measurements of the Rare $B_{\bar{s}} \rightarrow \pi^+ \pi^-$ and $B_{\bar{s}} \rightarrow f_2(1525) \pi^+ \pi^-$ Decays. <i>Physical Review Letters</i> , 2021 , 127, 151801	7.4	5
176	Updated measurement of decay-time-dependent CP asymmetries in $D_0 \rightarrow K^+ K^-$ and $D_0 \rightarrow \pi^+ \pi^-$ decays. <i>Physical Review D</i> , 2020 , 101,	4.9	5
175	Measurement of the ratio of branching fractions ($\frac{\text{Br}(B \rightarrow J/\psi K^+)}{\text{Br}(B \rightarrow J/\psi K^0)}$) <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	5
174	A search for $(\Xi_{cc}^{++}) \rightarrow D^+ p K^0$ decays. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	5
173	Observation of $B_{s0} \rightarrow D^* \pi^0$ and search for $B_0 \rightarrow D^* \pi^0$ decays. <i>Physical Review D</i> , 2018 , 98,	4.9	5
172	Observation of the decay $\Omega_b^- \rightarrow (\bar{D}_S) p$ <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	5
171	Search for weakly decaying b-flavored pentaquarks. <i>Physical Review D</i> , 2018 , 97,	4.9	5

170	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
169	Observation of $[B_c^+ \rightarrow J/\psi p]$ and $[B_c^+ \rightarrow J/\psi p]$ decays. <i>European Physical Journal C</i> , 2017 , 77, 72	4.2	4
168	Direct photon production at LHCb. <i>Nuclear Physics A</i> , 2019 , 982, 251-254	1.3	4
167	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
166	Observation of the Decay $D^0 \rightarrow K^+ \pi^+ e^- e^-$. <i>Physical Review Letters</i> , 2019 , 122, 081802	7.4	4
165	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
164	Search for a Dark Leptophilic Scalar in $e^+ e^-$ Collisions. <i>Physical Review Letters</i> , 2020 , 125, 181801	7.4	4
163	Measurements of the Absolute Branching Fractions of $B^0 \rightarrow K^0 X_{cc}$. <i>Physical Review Letters</i> , 2020 , 124, 152001	7.4	4
162	Measurement of χ_{cc}^{++} production in pp collisions at $\sqrt{s}=13$ TeV. <i>Chinese Physics C</i> , 2020 , 44, 022001	2.2	4
161	Measurement of $\psi(2S)$ production cross-sections in proton-proton collisions at $\sqrt{s}=7$ and 13 TeV. <i>European Physical Journal C</i> , 2020 , 80,	4.2	4
160	Measurement of CP asymmetry in $B^0 \rightarrow D^+ s^-$ decays. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	4
159	Search for B_c^+ decays to two charm mesons. <i>Nuclear Physics B</i> , 2018 , 930, 563-582	2.8	4
158	Dalitz plot analysis of the $D^+ \rightarrow K^+ K^+ K^-$ decay. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	4
157	New algorithms for identifying the flavour of $[B_c^+]$ mesons using pions and protons. <i>European Physical Journal C</i> , 2017 , 77, 238	4.2	4
156	Evidence for the two-body charmless baryonic decay ($\Lambda_b^+ \rightarrow \bar{\Lambda}^0$). <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	4
155	First Observation of the Rare Purely Baryonic Decay $B^0 \rightarrow pp$. <i>Physical Review Letters</i> , 2017 , 119, 232001	7.4	4
154	Measurement of CP observables in $B^0 \rightarrow DK^0$ decays using two- and four-body D final states. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	4
153	Updated branching fraction measurements of $B^0 \rightarrow K^0 h^+ h^-$ decays. <i>Journal of High Energy Physics</i> , 2017 , 2017,	5.4	4

152	Study of $B \rightarrow DK$ and $B \rightarrow D^*K$ decays and determination of the CKM angle α <i>Physical Review D</i> , 2015 , 92,	4.9	4
151	First observation and measurement of the branching fraction for the decay $B^0 \rightarrow D^* K^0$. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	4
150	Evidence for the baryonic decay $B^0 \rightarrow D^0$. <i>Physical Review D</i> , 2014 , 89,	4.9	4
149	Search for B^+ meson decay to $a_1(1260)K^0(892)$. <i>Physical Review D</i> , 2010 , 82,	4.9	4
148	Observation of inclusive $D^* \pi$ production in the decay of $\Upsilon(1S)$. <i>Physical Review D</i> , 2010 , 81,	4.9	4
147	Observation and polarization measurement of $B^0 \rightarrow a_1(1260)a_1(1260)\pi$ decay. <i>Physical Review D</i> , 2009 , 80,	4.9	4
146	Observation of the baryonic B-decay $B^0 \rightarrow \bar{p}K^0$. <i>Physical Review D</i> , 2009 , 80,	4.9	4
145	Search for the decay $B^0 \rightarrow \pi^0\pi^0$. <i>Physical Review D</i> , 2011 , 83,	4.9	4
144	Measurement of the mass difference $m(B^0) - m(B^+)$. <i>Physical Review D</i> , 2008 , 78,	4.9	4
143	Search for $B^0 \rightarrow K^*K^0$. <i>Physical Review D</i> , 2008 , 78,	4.9	4
142	Search for the decays $B^0 \rightarrow e^+e^-\pi^0$ and $B^0 \rightarrow \mu^+\mu^-\pi^0$. <i>Physical Review D</i> , 2008 , 77,	4.9	4
141	Observation of $B^+ \rightarrow \rho^0\pi^0K^+$ and evidence for $B^0 \rightarrow \rho^0\pi^0K^0$ below $\eta(c)$ threshold. <i>Physical Review Letters</i> , 2006 , 97, 261803	7.4	4
140	Search for $b \rightarrow u$ transitions in $B \rightarrow [K^0]DK$. <i>Physical Review D</i> , 2007 , 76,	4.9	4
139	Evidence for the Rare Decay $B^+ \rightarrow D_s^+\pi^0$. <i>Physical Review Letters</i> , 2007 , 98,	7.4	4
138	Search for the decay $B \rightarrow 3\pi^0$. <i>Physical Review D</i> , 2006 , 73,	4.9	4
137	Bound on the ratio of decay amplitudes for $B^0 \rightarrow J/\psi K^0$ and $B^0 \rightarrow J/\psi K^*0$. <i>Physical Review Letters</i> , 2004 , 93, 081801	7.4	4
136	Strong constraints on the $b \rightarrow s$ photon polarisation from $B^0 \rightarrow K^*0e^+e^-$ decays. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	4
135	Search for CP violation and observation of P violation in $B^0 \rightarrow \rho^0\pi^0$ decays. <i>Physical Review D</i> , 2020 , 102,	4.9	4

134	Observation of Multiplicity Dependent Prompt $\chi_{c1}(3872)$ and χ_{c2} Production in pp Collisions. <i>Physical Review Letters</i> , 2021 , 126, 092001	7-4	4
133	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
132	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
131	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
130	Observation of a new B_0 state. <i>Physical Review D</i> , 2021 , 103,	4-9	4
129	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
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127	Measurement of forward top pair production in the dilepton channel in pp collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5-4	4
126	Measurement of $D \mp s$ production asymmetry in pp collisions at ($\sqrt{s}=7$) and 8 TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5-4	4
125	First branching fraction measurement of the suppressed decay $\bar{B}^0 \rightarrow \bar{D}^+$. <i>Physical Review D</i> , 2020 , 102,	4-9	3
124	First observation of the rare $B^+ \rightarrow D^+ K^+ \pi^-$ decay. <i>Physical Review D</i> , 2016 , 93,	4-9	3
123	Measurement of the $B_s^0 \rightarrow D_s^*(\bar{D}_s^*) \pi$ branching fractions. <i>Physical Review D</i> , 2016 , 93,	4-9	3
122	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
121	Amplitude analysis of the ($B^0 \rightarrow K^* \bar{K}^0$) decays and measurement of the branching fraction of the ($B^0 \rightarrow K^* \bar{K}^0$) decay. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5-4	3
120	Bose-Einstein correlations of same-sign charged pions in the forward region in pp collisions at ($\sqrt{s}=7$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5-4	3
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118	Search for the decay $B^0 \rightarrow \bar{D}^+ p \bar{p}$. <i>Physical Review D</i> , 2014 , 89,	4-9	3
117	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

116	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
115	Search for B^0 meson decays to $\bar{D}^0 K^0 K^0$, $\bar{K}^0 K^0 K^0$, and $\bar{K}^0 K^0 K^0$. <i>Physical Review D</i> , 2009 , 80,	4.9	3
114	Measurement of the time-dependent CP asymmetry of partially reconstructed $B^0 \rightarrow D^{*+} D^{*0}$ decays. <i>Physical Review D</i> , 2012 , 86,	4.9	3
113	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
112	Measurement of the branching fraction and decay rate asymmetry of $B^{\pm} \rightarrow D^{\pm} K^0 K^0$. <i>Physical Review D</i> , 2005 , 72,	4.9	3
111	Search for the decay $B^0 \rightarrow K^0 K^0 K^0$. <i>Physical Review D</i> , 2006 , 74,	4.9	3
110	Search for B meson decays to $\bar{K}^0 K^0$. <i>Physical Review D</i> , 2006 , 74,	4.9	3
109	Measurement of the branching fraction for $B^{\pm} \rightarrow D^0 K^{\pm}$. <i>Physical Review D</i> , 2004 , 69,	4.9	3
108	Measurements of branching fractions and Dalitz distributions for $B^0 \rightarrow D^{(*)\pm} K^0 \pi^{\mp}$ decays. <i>Physical Review Letters</i> , 2005 , 95, 171802	7.4	3
107	Observation of a New Excited D_{s1}^{+} Meson in $B^0 \rightarrow D^{*+} K^0 \pi^0$ Decays. <i>Physical Review Letters</i> , 2021 , 126, 122002	7.4	3
106	Search for heavy neutral leptons in $(W^+ \rightarrow \mu^+ \mu^{\pm} \text{jets})$ decays. <i>European Physical Journal C</i> , 2021 , 81, 1	4.2	3
105	Measurement of the electron reconstruction efficiency at LHCb. <i>Journal of Instrumentation</i> , 2019 , 14, P11023-P11023	1	3
104	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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102	Search for lepton-flavour-violating decays of Higgs-like bosons. <i>European Physical Journal C</i> , 2018 , 78, 1008	4.2	3
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96	Search for CP violation through an amplitude analysis of $D^0 \rightarrow K^+ K_S^0 \pi^-$ decays. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	2
95	Measurement of the $(\Lambda_b^0) \rightarrow J/\psi$ angular distribution and the (Λ_b^0) polarisation in pp collisions. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	2
94	Measurement of CP observables in $B_{\pm}^0 \rightarrow DK_{\pm}^0$ and $B_{\pm}^0 \rightarrow D_{\pm}^0$ with $D \rightarrow (K_S^0 \pi^{\pm})$ decays. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	2
93	Search for Rare or Forbidden Decays of the D^0 Meson. <i>Physical Review Letters</i> , 2020 , 124, 071802	7.4	2
92	Measurement of the ratio of branching fractions and difference in CP asymmetries of the decays $B^+ \rightarrow J/\psi K^+$ and $B^+ \rightarrow J/\psi K^0$. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	2
91	Search for mixing-induced CP violation using partial reconstruction of $B_{\pm}^0 \rightarrow D^* K_{\pm}^0$ and kaon tagging. <i>Physical Review D</i> , 2016 , 93,	4.9	2
90	Study of the $B^0 \rightarrow \psi(770) \pi^+ K^{*0}(892)$ decay with an amplitude analysis of $B^0 \rightarrow (\psi) K_{\pm}^0$ decays. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	2
89	Observation of the $B^+ \rightarrow D^* K^+$ decay. <i>Physical Review D</i> , 2017 , 96,	4.9	2
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87	Evidence for CP violation in $B^+ \rightarrow K^{*0} \pi^+$ from a Dalitz plot analysis of $B^+ \rightarrow K_S^0 \pi^0$ decays. <i>Physical Review D</i> , 2017 , 96,	4.9	2
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82	Search for $B^+ \rightarrow D^+ K^0$ and $B^+ \rightarrow D^+ K^{*0}$ decays. <i>Physical Review D</i> , 2010 , 82,	4.9	2
81	Observation of the baryonic B decay $B_{\pm}^0 \rightarrow \bar{p} \pi^{\pm} K^{\mp}$ <i>Physical Review D</i> , 2011 , 84,	4.9	2

80	Measurement of $B \rightarrow X\gamma$ decays and determination of $ V_{td}/V_{ts} $. <i>Physical Review Letters</i> , 2009 , 102, 161803	7.4	2
79	Publisher's Note: Study of radiative bottomonium transitions using converted photons [Phys. Rev. DPRVDAQ1550-7998 84, 072002 (2011)]. <i>Physical Review D</i> , 2011 , 84,	4.9	2
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76	Measurements of neutral B decay branching fractions to KS_0 final states. <i>Physical Review D</i> , 2004 , 70,	4.9	2
75	Measurement of $\sin 2\beta$ with hadronic and previously unused muonic J/ψ decays. <i>Physical Review D</i> , 2004 , 69,	4.9	2
74	Measurement of prompt charged-particle production in pp collisions at $\sqrt{s} = 13$ TeV. <i>Journal of High Energy Physics</i> , 2022 , 2022, 1	5.4	2
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70	Observation of the $(B_s^0) \rightarrow D^{*0} \pi^0$ decay. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	2
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65	Study of $(B_{(s)}^0) \rightarrow J/\psi K$ decays. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	2
64	Measurement of $Z \rightarrow \tau \tau$ production in proton-proton collisions at $(\sqrt{s}=8)$ TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	2
63	Study of $\psi(1S)$ radiative decays to η and $\eta' + K$ <i>Physical Review D</i> , 2018 , 97,	4.9	2

62	Measurement of CP violation in $B^0 \rightarrow D^* \pi$ decays. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	2
61	Observation of new excited $B^0_{(s)}$ states. <i>European Physical Journal C</i> , 2021 , 81,	4.2	2
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41	Angular analysis of the rare decay $(B_s^0 \rightarrow \mu^+ \mu^-)$. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	1
40	Measurement of J/ψ production cross-sections in pp collisions at $(\sqrt{s}) = 5$ TeV. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	1
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34	Measurement of CP Violation in the Decay $B^+ \rightarrow K^+ \pi^0$. <i>Physical Review Letters</i> , 2021 , 126, 091802	7.4	1
33	Observation of CP violation in two-body $(B_{(s)}^0)$ -meson decays to charged pions and kaons. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	1
32	Search for the rare decay $B^0 \rightarrow J/\psi^* \pi^0$. <i>Chinese Physics C</i> , 2021 , 45, 043001	2.2	1
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30	Measurement of differential (\overline{b}) - and (\overline{c}) -dijet cross-sections in the forward region of pp collisions at $(\sqrt{s}) = 13$ TeV. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	1
29	Search for the decay mode $B^0 \rightarrow ppp \bar{p}$. <i>Physical Review D</i> , 2018 , 98,	4.9	1
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15	Measurement of the CKM angle β in $B_{\text{charm}}^0 \rightarrow DK_{\text{charm}}^0$ and $B_{\text{charm}}^0 \rightarrow D_{\text{charm}}^0$ decays with $D \rightarrow (K_{\text{charm}}^0 \pi^0)$ decays. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	○
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