

William Ford

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1,068 papers	40,123 citations	89 h-index	145 g-index
1,085 ext. papers	44,007 ext. citations	5.4 avg, IF	3.06 L-index

#	Paper	IF	Citations
1068	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
1067	The CLEO II detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1992 , 320, 66-113	1.2	574
1066	First measurement of the rate for the inclusive radiative penguin decay $b \rightarrow s \gamma$. <i>Physical Review Letters</i> , 1995 , 74, 2885-2889	7.4	536
1065	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
1064	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
1063	Evidence for an excess of $B \rightarrow D^{(*)} \pi$ decays. <i>Physical Review Letters</i> , 2012 , 109, 101802	7.4	456
1062	Precise determination of the mass of the Higgs boson and tests of compatibility of its couplings with the standard model predictions using proton collisions at 7 and 8 [Formula: see text]. <i>European Physical Journal C</i> , 2015 , 75, 212	4.2	399
1061	Observation of long-range, near-side angular correlations in proton-proton collisions at the LHC. <i>Journal of High Energy Physics</i> , 2010 , 2010, 1	5.4	389
1060	Observation of CP violation in the $B(0)$ meson system. <i>Physical Review Letters</i> , 2001 , 87, 091801	7.4	373
1059	Evidence for penguin-diagram decays: First observation of $B \rightarrow K^*(892) \gamma$. <i>Physical Review Letters</i> , 1993 , 71, 674-678	7.4	358
1058	Measurement of an excess of $B \rightarrow D^{(*)} \pi$ decays and implications for charged Higgs bosons. <i>Physical Review D</i> , 2013 , 88,	4.9	340
1057	Study of the $B \rightarrow J/\psi K$ decay and measurement of the $B \rightarrow X(3872) K$ branching fraction. <i>Physical Review D</i> , 2005 , 71,	4.9	333
1056	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
1055	Study of high-p _T charged particle suppression in PbPb compared to pp collisions at ($\sqrt{s_{\mathrm{NN}}}=2.76 \sim \mathrm{TeV}$). <i>European Physical Journal C</i> , 2012 , 72, 1	4.2	316
1054	Observation of a new boson with mass near 125 GeV in pp collisions at ($\sqrt{s}=7$) and 8 TeV. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	261
1053	Search for dark matter, extra dimensions, and unparticles in monojet events in proton-proton collisions at [Formula: see text][Formula: see text]. <i>European Physical Journal C</i> , 2015 , 75, 235	4.2	250
1052	Event generator tunes obtained from underlying event and multiparton scattering measurements. <i>European Physical Journal C</i> , 2016 , 76, 155	4.2	250

1051	Measurement of the $B \rightarrow D$ transition form factor. <i>Physical Review D</i> , 2009 , 80,	4.9	246
1050	Search for a dark photon in $e(+)e(-)$ collisions at BABAR. <i>Physical Review Letters</i> , 2014 , 113, 201801	7.4	241
1049	Observation of the diphoton decay of the Higgs boson and measurement of its properties. <i>European Physical Journal C</i> , 2014 , 74, 3076	4.2	239
1048	The Physics of the B Factories. <i>European Physical Journal C</i> , 2014 , 74, 1	4.2	233
1047	Measurement of the CP asymmetry amplitude $\sin 2\beta$ with B^0 mesons. <i>Physical Review Letters</i> , 2002 , 89, 201802	7.4	228
1046	Transverse-momentum and pseudorapidity distributions of charged hadrons in pp collisions at ($\sqrt{s} = 0.9$) and 2.36 TeV. <i>Journal of High Energy Physics</i> , 2010 , 2010, 1	5.4	201
1045	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
1044	Evidence for D^0 - \bar{D}^0 mixing. <i>Physical Review Letters</i> , 2007 , 98, 211802	7.4	186
1043	Suppression of non-prompt J/ψ prompt J/ψ and (Υ)(1S) in PbPb collisions at ($\sqrt{s_{NN}} = 2.76$) TeV. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	184
1042	Searches for electroweak production of charginos, neutralinos, and sleptons decaying to leptons and W, Z, and Higgs bosons in pp collisions at 8 TeV. <i>European Physical Journal C</i> , 2014 , 74, 3036	4.2	183
1041	Study of $e^+e^- \rightarrow \mu^+\mu^-$ using initial state radiation with BABAR. <i>Physical Review D</i> , 2006 , 73,	4.9	180
1040	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
1039	Search for top-squark pair production in the single-lepton final state in pp collisions at ($\sqrt{s}=8$ TeV). <i>European Physical Journal C</i> , 2013 , 73, 1	4.2	162
1038	Centrality dependence of dihadron correlations and azimuthal anisotropy harmonics in PbPb collisions at ($\sqrt{s_{NN}}=2.76$ TeV). <i>European Physical Journal C</i> , 2012 , 72, 1	4.2	158
1037	Search for dark matter and large extra dimensions in monojet events in pp collisions at ($\sqrt{s} = 7$) TeV. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	155
1036	Combined measurements of Higgs boson couplings in proton-proton collisions at. <i>European Physical Journal C</i> , 2019 , 79, 421	4.2	153
1035	Search for heavy neutrinos and [Formula: see text] bosons with right-handed couplings in proton-proton collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2014 , 74, 3149	4.2	149
1034	Measurement of Higgs boson production and properties in the WW decay channel with leptonic final states. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	144

1033	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
1032	Measurement of the $B \rightarrow Xsl+l^-$ branching fraction with a sum over exclusive modes. <i>Physical Review Letters</i> , 2004 , 93, 081802	7.4	139
1031	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
1030	Direct CP violating asymmetry in $B^0 \rightarrow K^+\pi^-$ decays. <i>Physical Review Letters</i> , 2004 , 93, 131801	7.4	136
1029	Evidence for $X(3872) \rightarrow \psi(2S)\gamma$ in $B^{+/-} \rightarrow X(3872)K^{+/-}$ decays and a study of $B \rightarrow cc[\text{over }]\gamma K$. <i>Physical Review Letters</i> , 2009 , 102, 132001	7.4	134
1028	Study of the inclusive production of charged pions, kaons, and protons in pp collisions at $(\sqrt{s} = 0.9, 2.76, \text{ and } 7) \text{ TeV}$. <i>European Physical Journal C</i> , 2012 , 72, 1	4.2	133
1027	Observation of the bottomonium ground state in the decay $\Upsilon(3S) \rightarrow \gamma \eta'$. <i>Physical Review Letters</i> , 2008 , 101, 071801	7.4	132
1026	Search for invisible decays of Higgs bosons in the vector boson fusion and associated ZH production modes. <i>European Physical Journal C</i> , 2014 , 74, 2980	4.2	131
1025	Study of time-dependent CP-violating asymmetries and flavor oscillations in neutral B decays at the LHCb. <i>Physical Review D</i> , 2002 , 66,	4.9	129
1024	Measurements of $e^+e^- \rightarrow K^+K^-K^0\bar{K}^0$ and $K_S^0 K^0\bar{K}^0$ cross sections using initial state radiation events. <i>Physical Review D</i> , 2008 , 77,	4.9	127
1023	Study of exclusive radiative B meson decays. <i>Physical Review Letters</i> , 2000 , 84, 5283-7	7.4	126
1022	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
1021	Study of the $e^+e^- \rightarrow \eta'$ process using initial state radiation with BABAR. <i>Physical Review D</i> , 2004 , 70,	4.9	122
1020	Measurement of the inclusive W and Z production cross sections in pp collisions at $(\sqrt{s} = 7) \text{ TeV}$ with the CMS experiment. <i>Journal of High Energy Physics</i> , 2011 , 2011, 1	5.4	121
1019	Search for lepton flavor violation in the decay $\tau^{+/-} \rightarrow \mu^+ \gamma$. <i>Physical Review Letters</i> , 2005 , 95, 041802	7.4	121
1018	Hadronic structure in the decay $\eta' \rightarrow \pi^+\pi^-$ <i>Physical Review D</i> , 2000 , 61,	4.9	121
1017	Evidence for the decay $X(3872) \rightarrow J/\psi \pi^+\pi^-$ <i>Physical Review D</i> , 2010 , 82,	4.9	119
1016	Measurements of branching fractions, rate asymmetries, and angular distributions in the rare decays $B \rightarrow K^*\pi$ and $B \rightarrow K^*\eta$ <i>Physical Review D</i> , 2006 , 73,	4.9	119

1015	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
1014	Prompt and non-prompt J/ψ production in pp collisions at $(\sqrt{s} = 7)$ TeV. <i>European Physical Journal C</i> , 2011 , 71, 1	4.2	118
1013	Observation of a new Ds meson decaying to DK at a mass of 2.86 GeV/c ² . <i>Physical Review Letters</i> , 2006 , 97, 222001	7.4	117
1012	Rates, polarizations, and asymmetries in charmless vector-vector B meson decays. <i>Physical Review Letters</i> , 2003 , 91, 171802	7.4	117
1011	Search for doubly charmed baryons Ξ_{cc}^+ and Ξ_{cc}^{++} in BABAR. <i>Physical Review D</i> , 2006 , 74,	4.9	116
1010	A search for a doubly-charged Higgs boson in pp collisions at $(\sqrt{s} = 7 \text{ TeV})$. <i>European Physical Journal C</i> , 2012 , 72, 1	4.2	111
1009	Observation of new resonances decaying to D^0 and D^{*0} in inclusive e^+e^- collisions near $\sqrt{s} = 10.58 \text{ GeV}$. <i>Physical Review D</i> , 2010 , 82,	4.9	111
1008	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
1007	The $e^+e^- \rightarrow 2(\pi^0\pi^0)$, $2(\pi^0\pi^0 K^0)$ and K^+K^- cross sections measured with initial-state radiation. <i>Physical Review D</i> , 2007 , 76,	4.9	111
1006	Precise measurement of the $e^+e^- \rightarrow \pi^0\pi^0$ cross section with the initial-state radiation method at BABAR. <i>Physical Review D</i> , 2012 , 86,	4.9	110
1005	Exclusive hadronic B decays to charm and charmonium final states. <i>Physical Review D</i> , 1994 , 50, 43-68	4.9	110
1004	$e^+e^- \rightarrow \pi^0\pi^0 K^0$ and K^+K^- cross sections at center-of-mass energies 0.5-4.5 GeV measured with initial-state radiation. <i>Physical Review D</i> , 2005 , 71,	4.9	109
1003	Search for the $Z(4430)$ at BABAR. <i>Physical Review D</i> , 2009 , 79,	4.9	108
1002	First Measurement of the $B \rightarrow \pi^0 \ell^+ \ell^-$ and $B \rightarrow \rho^0 \ell^+ \ell^-$ Branching Fractions. <i>Physical Review Letters</i> , 1996 , 77, 5000-5004	7.4	108
1001	The $e^+e^- \rightarrow 3(\pi^0)$, $2(\pi^0\pi^0)$ 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
1000	Search for $B \rightarrow X(3872)K^+$, $X(3872) \rightarrow J/\psi$ <i>Physical Review D</i> , 2006 , 74,	4.9	106
999	Measurements of inclusive W and Z cross sections in pp collisions at $(\sqrt{s} = 7)$ TeV. <i>Journal of High Energy Physics</i> , 2011 , 2011, 1	5.4	104
998	Measurement of differential top-quark-pair production cross sections in pp collisions at $(\sqrt{s} = 7 \text{ TeV})$. <i>European Physical Journal C</i> , 2013 , 73, 1	4.2	102

997	Structure at 2175 MeV in $e^+e^- \rightarrow \gamma^* f_0(980)$ observed via initial-state radiation. <i>Physical Review D</i> , 2006 , 74,	4.9	102
996	Evidence for the 125 GeV Higgs boson decaying to a pair of τ leptons. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	101
995	Search for a light charged Higgs boson in top quark decays in pp collisions at ($\sqrt{s} = 7$;TeV). <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	101
994	Study of resonances in exclusive B decays to $D^{(*)}D^{(*)}K$. <i>Physical Review D</i> , 2008 , 77,	4.9	100
993	Measurement of CP-violating asymmetries in B^0 decays to CP eigenstates. <i>Physical Review Letters</i> , 2001 , 86, 2515-22	7.4	100
992	CMS tracking performance results from early LHC operation. <i>European Physical Journal C</i> , 2010 , 70, 1165-1192	4.1	99
991	Measurement of the differential cross section for top quark pair production in pp collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2015 , 75, 542	4.2	98
990	Observation of a Charmed Baryon Decaying to $D^0 p$ at a Mass Near 2.94 GeV/c ² . <i>Physical Review Letters</i> , 2007 , 98, 012001	7.4	97
989	Searches for long-lived charged particles in pp collisions at (\sqrt{s}) =7 and 8 TeV. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	96
988	Observation of time-reversal violation in the B^0 meson system. <i>Physical Review Letters</i> , 2012 , 109, 211801	7.4	96
987	Measurement of the $B\text{-bar} \rightarrow D^* l \nu\text{-bar}$ branching fractions and $ V_{cb} $. <i>Physical Review D</i> , 1995 , 51, 1014-1033	4.9	93
986	Search for supersymmetry in hadronic final states using M_{T2} in pp collisions at ($\sqrt{s}=7$) TeV. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	92
985	Improved measurement of CP asymmetries in $B^0 \rightarrow (cc)K(0^{(*)})$ decays. <i>Physical Review Letters</i> , 2005 , 94, 161803	7.4	92
984	Two-body B meson decays to η and $\eta(1)$: observation of $B \rightarrow \eta K^*$. <i>Physical Review Letters</i> , 2000 , 85, 520-4	7.4	92
983	Search for lepton flavor violation in the decay $\tau_{+/-} \rightarrow e_{+/-} \gamma$. <i>Physical Review Letters</i> , 2006 , 96, 041801	7.4	91
982	Measurement of charmless semileptonic decays of B mesons. <i>Physical Review Letters</i> , 1993 , 71, 4111-4115	4.1	90
981	Charged particle multiplicities in pp interactions at ($\sqrt{s} = 0.9$), 2.36, and 7 TeV. <i>Journal of High Energy Physics</i> , 2011 , 2011, 1	5.4	89
980	Dalitz-plot analysis of the decays $B_{\text{c}}^0 \rightarrow K_{\text{c}}^0 \pi^0$. <i>Physical Review D</i> , 2005 , 72,	4.9	89

979	Search for D^0 - \bar{D}^0 mixing. <i>Physical Review Letters</i> , 2000 , 84, 5038-42	7.4	88
978	Search for exclusive charmless hadronic B decays. <i>Physical Review D</i> , 1996 , 53, 1039-1050	4.9	88
977	Measurement of the D^{*0} branching fractions. <i>Physical Review Letters</i> , 1992 , 69, 2041-2045	7.4	88
976	Dependence on pseudorapidity and on centrality of charged hadron production in PbPb collisions at ($\sqrt{s_{NN}} = 2.76$) TeV. <i>Journal of High Energy Physics</i> , 2011 , 2011, 1	5.4	87
975	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
974	Measurement of the $B \rightarrow \pi$ and $B \rightarrow \eta$ transition form factors. <i>Physical Review D</i> , 2011 , 84,	4.9	86
973	Study of $D_s J$ decays to $D^* K$ in inclusive e^+e^- interactions. <i>Physical Review D</i> , 2009 , 80,	4.9	86
972	$e^+e^- \rightarrow K^+ K^- \pi^+ \pi^-$ and $K^+ K^- K^+ K^-$ cross sections measured with initial-state radiation. <i>Physical Review D</i> , 2007 , 76,	4.9	86
971	Observation of an excited charm baryon Ω_c^* decaying to $\Omega_c \gamma$. <i>Physical Review Letters</i> , 2006 , 97, 232001	7.4	86
970	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
969	Hadronic structure in the decay $B \rightarrow \pi \pi$ and the sign of the tau neutrino helicity. <i>Physical Review D</i> , 1999 , 61,	4.9	86
968	Measurement of time-dependent CP asymmetry in $B^0 \rightarrow \pi^+ \pi^- K^{*0}$ decays. <i>Physical Review D</i> , 2009 , 79,	4.9	84
967	Search for supersymmetry in hadronic final states with missing transverse energy using the variables and b-quark multiplicity in pp collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2013 , 73, 2568	4.2	82
966	Measurement of branching fractions and rate asymmetries in the rare decays $B \rightarrow K^{(*)} \pi \pi$. <i>Physical Review D</i> , 2012 , 86,	4.9	82
965	Search for new physics in the multijet and missing transverse momentum final state in proton-proton collisions at (\sqrt{s}) = 8 TeV. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	81
964	Study of $e^+e^- \rightarrow \pi^+ \pi^- \pi^0$ using initial state radiation with BABAR. <i>Physical Review D</i> , 2007 , 76,	4.9	81
963	Two-Body B Meson Decays to $\pi^+ \pi^-$ and $\pi^0 \pi^0$. Observation of $B \rightarrow \pi K$. <i>Physical Review Letters</i> , 1998 , 80, 3710-3714	7.4	81
962	Measurement of the B semileptonic branching fraction with lepton tags. <i>Physical Review Letters</i> , 1996 , 76, 1570-1574	7.4	81

961	Search for $B \rightarrow K(*) \chi$ and invisible quarkonium decays. <i>Physical Review D</i> , 2013 , 87,	4.9	80
960	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
959	Study of charmless hadronic B meson decays to pseudoscalar-vector final states. <i>Physical Review Letters</i> , 2000 , 85, 2881-5	7.4	79
958	Strange particle production in pp collisions at ($\sqrt{s} = 0.9$) and 7 TeV. <i>Journal of High Energy Physics</i> , 2011 , 2011, 1	5.4	78
957	Measurement of charge asymmetries in charmless hadronic B meson decays. <i>Physical Review Letters</i> , 2000 , 85, 525-9	7.4	78
956	Observation of $B \rightarrow K^{(\pm)} \pi^0$ and $B \rightarrow (K^0) \pi^0$, and evidence for $B \rightarrow \pi^{(\pm)} \pi^{(\mp)}$. <i>Physical Review Letters</i> , 2000 , 85, 515-9	7.4	78
955	Measurements of properties of the Higgs boson decaying into the four-lepton final state in pp collisions at ($\sqrt{s} = 13$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	77
954	Study of $e^+e^- \rightarrow \mu^+\mu^-$ via initial-state radiation at BABAR. <i>Physical Review D</i> , 2013 , 87,	4.9	77
953	Study of $B \rightarrow \chi \chi$ and $B \rightarrow \chi \chi'$ decays and determination of $ V_{ub} $. <i>Physical Review D</i> , 2011 , 83,	4.9	76
952	Study of the X(3872) and Y(4260) in $B^0 \rightarrow J/\psi \chi^0$ and $B^\pm \rightarrow J/\psi \chi^\pm$ decays. <i>Physical Review D</i> , 2006 , 73,	4.9	76
951	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
950	Study of the reaction $e^+e^- \rightarrow J/\psi \chi$ via initial-state radiation at BABAR. <i>Physical Review D</i> , 2012 , 86,	4.9	75
949	Exclusive initial-state-radiation production of the $D\bar{D}$, D^*D , and $D^*\bar{D}^*$ systems. <i>Physical Review D</i> , 2009 , 79,	4.9	75
948	Study of $B \rightarrow X(3872)K$, with $X(3872) \rightarrow J/\psi \chi$. <i>Physical Review D</i> , 2008 , 77,	4.9	75
947	Measurement of the form factors for $B^0 \rightarrow D^{*+}$. <i>Physical Review Letters</i> , 1996 , 76, 3898-3902	7.4	75
946	Search for massive resonances in dijet systems containing jets tagged as W or Z boson decays in pp collisions at (\sqrt{s}) = 8 TeV. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	74
945	Searches for invisible decays of the Higgs boson in pp collisions at (\sqrt{s}) = 7, 8, and 13 TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	74
944	Search for a Higgs boson in the mass range from 145 to 1000 GeV decaying to a pair of W or Z bosons. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	73

943	Measurement of jet fragmentation into charged particles in pp and PbPb collisions at ($\sqrt{s_{\mathrm{NN}}}$) = 2.76) TeV. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	73
942	Study of the exclusive initial-state-radiation production of the DD^* system. <i>Physical Review D</i> , 2007 , 76,	4.9	73
941	Two measurements of $B^0\bar{B}^0$ mixing. <i>Physical Review Letters</i> , 1993 , 71, 1680-1684	7.4	73
940	Time-integrated and time-dependent angular analyses of $B \rightarrow J/\psi K^0$ measurement of $\cos 2\phi$ with no sign ambiguity from strong phases. <i>Physical Review D</i> , 2005 , 71,	4.9	72
939	Study of the production of charged pions, kaons, and protons in pPb collisions at [$\sqrt{s_{\mathrm{NN}}}$]5.02 [$\sqrt{s_{\mathrm{NN}}}$]. <i>European Physical Journal C</i> , 2014 , 74, 2847	4.2	71
938	Search for a charged partner of the $X(3872)$ in the B meson decay $B \rightarrow X\bar{X}$, $X\bar{X} \rightarrow J/\psi$. <i>Physical Review D</i> , 2005 , 71,	4.9	71
937	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
936	Search for neutral MSSM Higgs bosons decaying to a pair of tau leptons in pp collisions. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	70
935	Measurement of the single-top-quark t-channel cross section in pp collisions at (\sqrt{s}) = 7) TeV. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	70
934	Measurement of the underlying event activity at the LHC with (\sqrt{s}) = 7) TeV and comparison with (\sqrt{s}) = 0.9) TeV. <i>Journal of High Energy Physics</i> , 2011 , 2011, 1	5.4	70
933	Measurement of D^0 - \bar{D}^0 mixing parameters using $D^0 \rightarrow K(S)^0 \pi^0$ and $D^0 \rightarrow K(S)^0 K^+ K^-$ decays. <i>Physical Review Letters</i> , 2010 , 105, 081803	7.4	70
932	Observation of Excited Charmed Baryon States Decaying to $\Lambda^0 + c \pi + \pi^-$. <i>Physical Review Letters</i> , 1995 , 74, 3331-3335	7.4	70
931	Search for physics beyond the standard model in dilepton mass spectra in proton-proton collisions at (\sqrt{s}) = 8) TeV. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	69
930	J/ψ and $\psi(2S)$ production in pp collisions at ($\sqrt{s} = 7 \text{ TeV}$). <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	69
929	Studies of dijet transverse momentum balance and pseudorapidity distributions in pPb collisions at ($\sqrt{s_{\mathrm{NN}}} = 5.02$) (,text {TeV}). <i>European Physical Journal C</i> , 2014 , 74, 1	4.2	67
928	Evidence for the $\eta(b)(1S)$ meson in radiative $\Upsilon(2S)$ decay. <i>Physical Review Letters</i> , 2009 , 103, 161801	7.4	67
927	Measurement of the $B^0 \rightarrow \pi^0 K^0$ decay amplitudes. <i>Physical Review Letters</i> , 2004 , 93, 231804	7.4	66
926	Search for anomalous production of multilepton events in pp collisions at ($\sqrt{s} = 7 \text{ TeV}$). <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	65

925	Evidence of $B^+ \rightarrow \mu^+ \mu^-$ decays with hadronic B tags. <i>Physical Review D</i> , 2013 , 88,	4.9	65
924	Search for $B^+ \rightarrow \mu^+ \mu^-$ recoiling against $B \rightarrow D^0 X$. <i>Physical Review D</i> , 2010 , 81,	4.9	65
923	Search for T, CP, and CPT violation in B^0 - \bar{B}^0 mixing with inclusive dilepton events. <i>Physical Review Letters</i> , 2006 , 96, 251802	7.4	65
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	Measurement of the Cabibbo-Kobayashi-Maskawa angle γ in $B^+ \rightarrow D^* K^+ \ell^-$ decays with a Dalitz analysis of $D \rightarrow K^0(S) \pi^+ \pi^-$. <i>Physical Review Letters</i> , 2005 , 95, 121802	7.4	65
919	Charged-particle nuclear modification factors in PbPb and pPb collisions at ($\sqrt{s_{\mathrm{NN}}}=5.02$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	64
918	Measurement of the ($\mathrm{t}\overline{\mathrm{t}}$) production cross section in the dilepton channel in pp collisions at ($\sqrt{s}=7$) TeV. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	64
917	Angular distributions in the decay $B \rightarrow K^* l^+ l^-$. <i>Physical Review D</i> , 2009 , 79,	4.9	63
916	Improved measurement of the CKM angle ϕ_1 in $B^0 \rightarrow D^{(*)} K^{(*)}$ decays with a Dalitz plot analysis of D decays to $K_S^0 \pi^+ \pi^-$ and $K_S^0 K^+ K^-$. <i>Physical Review D</i> , 2008 , 78,	4.9	63
915	Inclusive decays of B mesons to charmonium. <i>Physical Review D</i> , 1995 , 52, 2661-2672	4.9	63
914	Search for high-mass resonances in dilepton final states in proton-proton collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	63
913	Search for $B^+ \rightarrow \mu^+ \mu^-$ decays with hadronic B tags. <i>Physical Review D</i> , 2008 , 77,	4.9	62
912	Extraction and validation of a new set of CMS pythia8 tunes from underlying-event measurements. <i>European Physical Journal C</i> , 2020 , 80, 4	4.2	61
911	Study of double parton scattering using W + 2-jet events in proton-proton collisions at (\sqrt{s}) = 7 TeV. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	61
910	Search for a charged Higgs boson in pp collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	61
909	Study of excited charm-strange baryons with evidence for new baryons $\Lambda(3055)^+$ and $\Lambda(3123)^+$. <i>Physical Review D</i> , 2008 , 77,	4.9	61
908	Studies of azimuthal dihadron correlations in ultra-central PbPb collisions at ($\sqrt{s_{\mathrm{NN}}}=2.76$) TeV. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	60

907	Observation of the $\Xi(2P)$ meson in the reaction $\Xi \rightarrow DD$ at BABAR. <i>Physical Review D</i> , 2010 , 81,	4.9	60
906	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
905	Measurements of the absolute branching fractions of $B^+ \rightarrow K^+ X(cc)$. <i>Physical Review Letters</i> , 2006 , 96, 052002	7.4	60
904	Measurement of ΞS from Ξ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995 , 356, 580-588	4.2	60
903	Search for massive resonances decaying into pairs of boosted bosons in semi-leptonic final states at $(\sqrt{s}) = 8$ TeV. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	59
902	Precision measurement of the $e^+e^- \rightarrow K^+ K^-$ cross section with the initial-state radiation method at BABAR. <i>Physical Review D</i> , 2013 , 88,	4.9	59
901	Measurement of the Λ and Ξ transition form factors at $q^2=112$ GeV ² . <i>Physical Review D</i> , 2006 , 74,	4.9	59
900	Measurement of the electron energy spectrum and its moments in inclusive $B \rightarrow X e \nu$ decays. <i>Physical Review D</i> , 2004 , 69,	4.9	59
899	Study of inclusive production of charmonium mesons in B decays. <i>Physical Review D</i> , 2003 , 67,	4.9	59
898	Update of the search for the neutrinoless decay $\Xi \rightarrow \Xi$. <i>Physical Review D</i> , 2000 , 61,	4.9	59
897	Suppression and azimuthal anisotropy of prompt and nonprompt $[\text{Formula: see text}]$ production in PbPb collisions at $[\text{Formula: see text}] [\text{Formula: see text}]$. <i>European Physical Journal C</i> , 2017 , 77, 252	4.2	58
896	Study of CP violation in Dalitz-plot analyses of $B^0 \rightarrow K^+ K^- S^0$, $B^+ \rightarrow K^+ K^- S^+$, and $B^+ \rightarrow K^0 K^0 S^+$. <i>Physical Review D</i> , 2012 , 85,	4.9	58
895	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
894	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
893	Observation of Exclusive Two-Body B Decays to Kaons and Pions. <i>Physical Review Letters</i> , 1998 , 80, 3456-3460	7.4	58
892	Search for anomalous $(\text{toverline } t)$ production in the highly-boosted all-hadronic final state. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	57
891	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
890	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

889	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
888	Study of exclusive two-photon production of $W+W$ in pp collisions at $(\sqrt{s}=7)$ TeV and constraints on anomalous quartic gauge couplings. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	56
887	Measurement of the $W+W$ cross section in pp collisions at $(\sqrt{s} = 7 \text{ TeV})$ and limits on anomalous WW and WWZ couplings. <i>European Physical Journal C</i> , 2013 , 73, 1	4.2	56
886	Long-range and short-range dihadron angular correlations in central PbPb collisions at $(\sqrt{s_{\text{NN}}}) = 2.76$ TeV. <i>Journal of High Energy Physics</i> , 2011 , 2011, 1	5.4	56
885	Flavor-Specific Inclusive B Decays to Charm. <i>Physical Review Letters</i> , 1998 , 80, 1150-1155	7.4	56
884	Search for a standard model Higgs boson produced in association with a top-quark pair and decaying to bottom quarks using a matrix element method. <i>European Physical Journal C</i> , 2015 , 75, 251	4.2	55
883	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
882	Exclusive branching-fraction measurements of semileptonic tau decays into three charged hadrons, into $\phi \pi^0 \nu_\tau$, and into $\phi K^0 \nu_\tau$. <i>Physical Review Letters</i> , 2008 , 100, 011801	7.4	55
881	Evidence for the rare decay $B \rightarrow K^* l^+ l^-$ and measurement of the $B \rightarrow K l^+ l^-$ branching fraction. <i>Physical Review Letters</i> , 2003 , 91, 221802	7.4	55
880	Study of B Decays to Charmonium States: $B \rightarrow \eta(c) K$ and $B \rightarrow \chi(c) K$. <i>Physical Review Letters</i> , 2001 , 86, 30-34	7.4	55
879	Search for new phenomena with the variable in the all-hadronic final state produced in proton-proton collisions at. <i>European Physical Journal C</i> , 2017 , 77, 710	4.2	54
878	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
877	Measurement of $B \rightarrow \eta \gamma$ decay and $ V_{ub} $. <i>Physical Review D</i> , 2000 , 61,	4.9	53
876	Production and decay of $D_1(2420)0$ and $D_2^*(2460)0$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1994 , 331, 236-244	4.2	53
875	Search for $(B_{\text{tag}}^0 \rightarrow \pi^+ \pi^-)$ and $B^0 \rightarrow \pi^+ \pi^-$ decays. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	52
874	Study of $X(3915) \rightarrow J/\psi$ in two-photon collisions. <i>Physical Review D</i> , 2012 , 86,	4.9	52
873	Search for low-mass dark-sector Higgs bosons. <i>Physical Review Letters</i> , 2012 , 108, 211801	7.4	52
872	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

871	Dalitz plot analysis of the decay $B \rightarrow K \bar{K} K$. <i>Physical Review D</i> , 2006 , 74,	4.9	52
870	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
869	Measurement of the $B_0 \rightarrow \pi(l)(\nu)$ form-factor shape and branching fraction, and determination of $ V_{ub} $ with a loose neutrino reconstruction technique. <i>Physical Review Letters</i> , 2007 , 98, 091801	7.4	52
868	Measurements of exclusive semileptonic decays of D mesons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993 , 317, 647-654	4.2	52
867	Search for a low-mass higgs boson in $Upsilon(3S) \rightarrow \gamma A(0)$, $A(0) \rightarrow \tau^+ \tau^-$ at BABAR. <i>Physical Review Letters</i> , 2009 , 103, 181801	7.4	51
866	Branching fraction and form-factor shape measurements of exclusive charmless semileptonic B decays, and determination of $ V_{ub} $. <i>Physical Review D</i> , 2012 , 86,	4.9	51
865	Measurement of branching fractions for exclusive B decays to charmonium final states. <i>Physical Review D</i> , 2002 , 65,	4.9	51
864	Measurements of differential and double-differential Drell-Yan cross sections in proton-proton collisions at [Formula: see text][Formula: see text]. <i>European Physical Journal C</i> , 2015 , 75, 147	4.2	50
863	Measurement of the ratio of the inclusive 3-jet cross section to the inclusive 2-jet cross section in pp collisions at $(\sqrt{s} = 7 \text{ TeV})$ and first determination of the strong coupling constant in the TeV range. <i>European Physical Journal C</i> , 2013 , 73, 1	4.2	50
862	Measurement of the Decay Amplitudes and Branching Fractions of $B \rightarrow J/\psi^*$ and $B \rightarrow J/\psi$ Decays. <i>Physical Review Letters</i> , 1997 , 79, 4533-4537	7.4	50
861	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
860	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
859	Search for a standard-model-like Higgs boson with a mass in the range 145 to 1000 GeV at the LHC. <i>European Physical Journal C</i> , 2013 , 73, 2469	4.2	49
858	Nuclear effects on the transverse momentum spectra of charged particles in pPb collisions at [Formula: see text][Formula: see text]. <i>European Physical Journal C</i> , 2015 , 75, 237	4.2	48
857	Measurement of the t-channel single-top-quark production cross section and of the $ V_{tb} $ CKM matrix element in pp collisions at $(\sqrt{s}) = 8$ TeV. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	48
856	Measurement of the $(\bar{t} t)$ production cross section and the top quark mass in the dilepton channel in pp collisions at $(\sqrt{s} = 7)$ TeV. <i>Journal of High Energy Physics</i> , 2011 , 2011, 1	5.4	48
855	Study of $B \rightarrow D^{(*)} s J + D^{(*)}$ decays. <i>Physical Review Letters</i> , 2004 , 93, 181801	7.4	48
854	Measurements of $B(B \rightarrow \bar{D}^+ p)$ and $B(B \rightarrow \bar{D}^+ p)$ and studies of \bar{D}^+ resonances. <i>Physical Review D</i> , 2008 , 78,	4.9	47

853	Measurement of branching fractions and CP and isospin asymmetries for $B \rightarrow K^* \ell \ell$. <i>Physical Review D</i> , 2004 , 70,	4.9	47
852	Bounds on the CP asymmetry in $b \rightarrow s \gamma$ decays. <i>Physical Review Letters</i> , 2001 , 86, 5661-5	7.4	47
851	Search for dark matter produced with an energetic jet or a hadronically decaying W or Z boson at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	46
850	Measurement of the relative prompt production rate of $t\bar{t}$ and $b\bar{b}$ in pp collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2012 , 72, 2251	4.2	46
849	Search for new physics with same-sign isolated dilepton events with jets and missing transverse energy at the LHC. <i>Journal of High Energy Physics</i> , 2011 , 2011, 1	5.4	46
848	Search for new physics with jets and missing transverse momentum in pp collisions at ($\sqrt{s} = 7$) TeV. <i>Journal of High Energy Physics</i> , 2011 , 2011, 1	5.4	46
847	Study of $B_0 \rightarrow \pi^0 \ell \ell$ decays and constraints on the CKM angle ϕ_1 . <i>Physical Review D</i> , 2007 , 76,	4.9	46
846	Measurements of branching fractions and CP-violating asymmetries in $B_0 \rightarrow \rho^{(\pm)} h^{(\mp)}$ decays. <i>Physical Review Letters</i> , 2003 , 91, 201802	7.4	46
845	Measurement of the $B \rightarrow J/\psi K^*(892)$ decay amplitudes. <i>Physical Review Letters</i> , 2001 , 87, 241801	7.4	46
844	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
843	Observation of B_0 decay to two charmless mesons. <i>Physical Review Letters</i> , 1993 , 71, 3922-3926	7.4	46
842	Analysis of hadronic transitions in Upsilon ($3S$) decays. <i>Physical Review D</i> , 1994 , 49, 40-57	4.9	46
841	Combined search for electroweak production of charginos and neutralinos in proton-proton collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	45
840	Exclusive $\ell^+ \ell^- \ell^+ \ell^-$ production in proton-proton collisions at ($\sqrt{s} = 7$) TeV. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	45
839	Search for the associated production of the Higgs boson with a top-quark pair. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	45
838	Search for exclusive or semi-exclusive $\ell^+ \ell^-$ production and observation of exclusive and semi-exclusive $e^+ e^- \ell^+ \ell^-$ production in pp collisions at ($\sqrt{s}=7$) TeV. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	45
837	Measurement of the sum of WW and WZ production with W+dijet events in pp collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2013 , 73, 2283	4.2	45
836	Search for CPT and lorentz violation in B_0 - \bar{B}_0 oscillations with dilepton events. <i>Physical Review Letters</i> , 2008 , 100, 131802	7.4	45

835	Observation of $B \rightarrow K^+ \ell^-$ and Search for Related B Decays Modes. <i>Physical Review Letters</i> , 1998 , 81, 272-276, 1998	7.4	45
834	Observation of High Momentum π^0 Production in B Decays. <i>Physical Review Letters</i> , 1998 , 81, 1786-1790, 1998	7.4	45
833	Measurement of the $X(3872)$ production cross section via decays to $J/\psi \pi^0$ in pp collisions at $(\sqrt{s}=7)$ TeV. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1, 2013	5.4	44
832	Search for heavy bottom-like quarks in 4.9 fb $^{-1}$ of pp collisions at $(\sqrt{s}=7)$ TeV. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1, 2012	5.4	44
831	Charged particle transverse momentum spectra in pp collisions at $(\sqrt{s}=0.9)$ and 7 TeV. <i>Journal of High Energy Physics</i> , 2011 , 2011, 1, 2011	5.4	44
830	J/ψ production via initial state radiation in $e^+e^- \rightarrow \mu^+\mu^- J/\psi$ at an e^+e^- center-of-mass energy near 10.6 GeV. <i>Physical Review D</i> , 2004 , 69, 2004	4.9	44
829	Measurement of the $(\overline{t}t)$ production cross section in the dilepton channel in pp collisions at $(\sqrt{s})=8$ TeV. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1, 2014	5.4	43
828	Measurement of the differential and double-differential Drell-Yan cross sections in proton-proton collisions at $(\sqrt{s})=7$ TeV. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1, 2013	5.4	43
827	Search for leptonic decays of W^\pm bosons in pp collisions at $(\sqrt{s}=\{7\})$ TeV. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1, 2012	5.4	43
826	Measurements of the semileptonic decays $B^\pm \rightarrow D^\pm \ell^\pm$ and $B^\pm \rightarrow D^{*\pm} \ell^\pm$ using a global fit to DX final states. <i>Physical Review D</i> , 2009 , 79, 2009	4.9	43
825	Search for production of invisible final states in single-photon decays of $\Upsilon(1S)$. <i>Physical Review Letters</i> , 2011 , 107, 021804, 2011	7.4	43
824	Precision measurement of the $B \rightarrow X_s \gamma$ photon energy spectrum, branching fraction, and direct CP asymmetry $A(\text{CP})((B \rightarrow X(s+d))^\pm)$. <i>Physical Review Letters</i> , 2012 , 109, 191801, 2012	7.4	43
823	Determination of the form factors for the decay $B^0 \rightarrow D^{*+} \ell^-$ and of the CKM matrix element $ V_{cb} $. <i>Physical Review D</i> , 2008 , 77, 2008	4.9	43
822	Search for Inclusive $b \rightarrow s \ell^+ \ell^-$. <i>Physical Review Letters</i> , 1998 , 80, 2289-2293, 1998	7.4	43
821	Event activity dependence of $(Y)(nS)$ production in $(\sqrt{s_{NN}})=5.02$ TeV pPb and $(\sqrt{s})=2.76$ TeV pp collisions. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1, 2014	5.4	42
820	Search for the $Z_1(4050)^+$ and $Z_2(4250)^+$ states in $B^0 \rightarrow \pi^+ K^-$ and $B^+ \rightarrow \pi^+ K^0$. <i>Physical Review D</i> , 2012 , 85, 2012	4.9	42
819	Evidence for direct CP violation in the measurement of the Cabbibo-Kobayashi-Maskawa angle α with $B^\pm \rightarrow D^{(*)} K^{(*)\mp}$ decays. <i>Physical Review Letters</i> , 2010 , 105, 121801, 2010	7.4	42
818	Limits on ℓ -lepton-flavor violating decays into three charged leptons. <i>Physical Review D</i> , 2010 , 81, 2010	4.9	42

817	Dalitz plot analysis of $B_H \rightarrow H H \pi$ decays. <i>Physical Review D</i> , 2009 , 79,	4.9	42
816	Study of $B^0 \rightarrow \pi\pi$, $B_H \rightarrow H\pi$, and $B_H \rightarrow K_H\pi$ decays, and isospin analysis of $B \rightarrow \pi$ decays. <i>Physical Review D</i> , 2007 , 76,	4.9	42
815	Measurement of the $B \rightarrow K_H\pi$ branching fraction. <i>Physical Review D</i> , 2007 , 76,	4.9	42
814	Measurement of the hadronic form factor in $D^0 \rightarrow K_H + \pi$ decays. <i>Physical Review D</i> , 2007 , 76,	4.9	42
813	Measurement of the inclusive 3-jet production differential cross section in proton-proton collisions at 7 TeV and determination of the strong coupling constant in the TeV range. <i>European Physical Journal C</i> , 2015 , 75, 186	4.2	41
812	Measurement of prompt J/ψ pair production in pp collisions at $(\sqrt{s}) = 7$ TeV. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	41
811	Search for electroweak production of charginos and neutralinos using leptonic final states in pp collisions at $(\sqrt{s}=7)$ TeV. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	41
810	Dalitz plot analysis of $B_H \rightarrow D + \pi$ <i>Physical Review D</i> , 2009 , 79,	4.9	41
809	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
808	Cross sections for the reactions $e^+e^- \rightarrow K + K_H \rightarrow K + K_H\pi$, and $K + K_H + K_H$ measured using initial-state radiation events. <i>Physical Review D</i> , 2012 , 86,	4.9	41
807	Measurements of branching fractions, polarizations, and direct CP-violation asymmetries in $B \rightarrow \rho K^*$ and $B \rightarrow f_0(980) K^*$ decays. <i>Physical Review Letters</i> , 2006 , 97, 201801	7.4	41
806	Measurement of the inelastic proton-proton cross section at $(\sqrt{s}=13)$ TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	41
805	Search for electroweak production of charginos and neutralinos in multilepton final states in proton-proton collisions at $(\sqrt{s}=13)$ TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	40
804	Measurement of the $e^+e^- \rightarrow pp$ cross section in the energy range from 3.0 to 6.5 GeV. <i>Physical Review D</i> , 2013 , 88,	4.9	40
803	Exclusive measurements of $b \rightarrow s$ transition rate and photon energy spectrum. <i>Physical Review D</i> , 2012 , 86,	4.9	40
802	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
801	Vector-tensor and vector-vector decay amplitude analysis of $B^0 \rightarrow \phi K^0$. <i>Physical Review Letters</i> , 2007 , 98, 051801	7.4	40
800	Studies of jet mass in dijet and W/Z + jet events. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	39

799	Study of the underlying event at forward rapidity in pp collisions at ($\sqrt{s}=0.9, 2.76, \text{and } 7 \text{ TeV}$). <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	39
798	Measurement of the ZZ production cross section and search for anomalous couplings in 200 final states in pp collisions at ($\sqrt{s}=7$) TeV. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	39
797	Search for same-sign top-quark pair production at ($\sqrt{s}=7$) TeV and limits on flavour changing neutral currents in the top sector. <i>Journal of High Energy Physics</i> , 2011 , 2011, 1	5.4	39
796	Observation of Upsilon(4S) decays to $\pi^+\pi^-\text{Upsilon}(1S)$ and $\pi^+\pi^-\text{Upsilon}(2S)$. <i>Physical Review Letters</i> , 2006 , 96, 232001	7.4	39
795	Observation of B0 meson decay to a $1^-(1260)\pi^+$. <i>Physical Review Letters</i> , 2006 , 97, 051802	7.4	39
794	Search for $B^+ \rightarrow \pi^+\pi^0$. <i>Physical Review D</i> , 2007 , 76,	4.9	39
793	Measurement of the pseudoscalar decay constant f_D using charm-tagged events in e^+e^- collisions at square root $s=10.58$ GeV. <i>Physical Review Letters</i> , 2007 , 98, 141801	7.4	39
792	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
791	Observation of a new charmed strange meson. <i>Physical Review Letters</i> , 1994 , 72, 1972-1976	7.4	39
790	Search for natural and split supersymmetry in proton-proton collisions at ($\sqrt{s}=13$) TeV in final states with jets and missing transverse momentum. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	39
789	Search for new physics in events with same-sign dileptons and jets in pp collisions at (\sqrt{s}) = 8 TeV. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	38
788	Search for microscopic black holes in pp collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	38
787	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
786	Measurement of the lepton charge asymmetry in inclusive W production in pp collisions at ($\sqrt{s}=7 \text{ TeV}$). <i>Journal of High Energy Physics</i> , 2011 , 2011, 1	5.4	38
785	Measurements of charged current lepton universality and $ V_{us} $ using tau lepton decays to $e^- \ell^+ \ell^-$ and $K^- \ell^+ \ell^-$. <i>Physical Review Letters</i> , 2010 , 105, 051602	7.4	38
784	Measurement of the $B \rightarrow D^0$ Branching Fractions and Form Factor. <i>Physical Review Letters</i> , 1999 , 82, 3746-3750	3.7	38
783	Luminosity measurement with the CLEO II detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1994 , 345, 429-439 ^{1.2}		38
782	Measurement of the [Formula: see text] cross section in pp collisions at [Formula: see text] TeV and limits on anomalous gauge couplings. <i>European Physical Journal C</i> , 2016 , 76, 401	4.2	38

781	Constraints on parton distribution functions and extraction of the strong coupling constant from the inclusive jet cross section in pp collisions at [Formula: see text][Formula: see text]. <i>European Physical Journal C</i> , 2015 , 75, 288	4.2	37
780	Measurement of the differential cross section and charge asymmetry for inclusive [Formula: see text] production at [Formula: see text] TeV. <i>European Physical Journal C</i> , 2016 , 76, 469	4.2	37
779	Measurement of associated W + charm production in pp collisions at (\sqrt{s}) = 7 TeV. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	37
778	Jet production rates in association with W and Z bosons in pp collisions at (\sqrt{s}) = 7 {text{TeV}}). <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	37
777	Measurement of masses in the [Formula: see text] system by kinematic endpoints in pp collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2013 , 73, 2494	4.2	37
776	Search for narrow resonances and quantum black holes in inclusive and b-tagged dijet mass spectra from pp collisions at (\sqrt{s}) = 7 TeV. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	37
775	Measurement of pseudorapidity distributions of charged particles in proton-proton collisions at (\sqrt{s}) = 8 TeV by the CMS and TOTEM experiments. <i>European Physical Journal C</i> , 2014 , 74, 1	4.2	37
774	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
773	Time-dependent amplitude analysis of $B^0 \rightarrow K_S^0 \pi^0$. <i>Physical Review D</i> , 2009 , 80,	4.9	37
772	Measurement of $B \rightarrow K^* \gamma$ branching fractions and charge asymmetries. <i>Physical Review Letters</i> , 2002 , 88, 101805	7.4	37
771	Observation of $D^0 \rightarrow K^+ \pi^-$. <i>Physical Review Letters</i> , 1994 , 72, 1406-1410	7.4	37
770	Measurements of Higgs boson properties in the diphoton decay channel in proton-proton collisions at (\sqrt{s}) = 13 TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	37
769	Measurement of prompt and nonprompt charmonium suppression in collisions at 5.02. <i>European Physical Journal C</i> , 2018 , 78, 509	4.2	37
768	Measurement of the top-quark mass in ($\overline{\text{t}} \text{t}$) events with dilepton final states in pp collisions at (\sqrt{s}) = 7 TeV. <i>European Physical Journal C</i> , 2012 , 72, 1	4.2	36
767	First measurement of the underlying event activity at the LHC with (\sqrt{s}) = 0.9 TeV. <i>European Physical Journal C</i> , 2010 , 70, 555-572	4.2	36
766	Measurement of $D^0 \bar{D}^0$ mixing using the ratio of lifetimes for the decays $D^0 \rightarrow K_S^0$, K_S^{*+} , and π^0 . <i>Physical Review D</i> , 2008 , 78,	4.9	36
765	Time-dependent and time-integrated angular analysis of $B \rightarrow K_S^0 \pi^0$ and $K_L^0 \pi^0$. <i>Physical Review D</i> , 2008 , 78,	4.9	36
764	Measurement of the $B \rightarrow \pi^0 \ell^+ \ell^-$ 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

763	Observation of the decay $B^+ \rightarrow K^+ K^- \pi^+$. <i>Physical Review Letters</i> , 2007 , 99, 221801	7.4	36
762	Improved limits on the lepton-flavor violating decays $\tau^- \rightarrow l^- l^+ l^-$. <i>Physical Review Letters</i> , 2007 , 99, 251803	7.4	36
761	Measurement of CP asymmetries in $B^0 \rightarrow \pi^0 K^0$ and $B^0 \rightarrow K^+ K^- \pi^0$ decays. <i>Physical Review D</i> , 2005 , 71,	4.9	36
760	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
759	Search for D^0 - \bar{D}^0 mixing and a measurement of the doubly Cabibbo-suppressed decay rate in $D^0 \rightarrow K^- \pi^+$ decays. <i>Physical Review Letters</i> , 2003 , 91, 171801	7.4	36
758	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
757	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
756	Measurement of the relative branching fraction of $\Upsilon(4S)$ to charged and neutral B-meson pairs. <i>Physical Review Letters</i> , 2001 , 86, 2737-41	7.4	36
755	Measurement of the double-differential inclusive jet cross section in proton-proton collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2016 , 76, 451	4.2	36
754	Search for disappearing tracks in proton-proton collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	35
753	Measurement of differential cross sections for Higgs boson production in the diphoton decay channel in pp collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2016 , 76, 13	4.2	35
752	Search for the standard model Higgs boson produced in association with a top-quark pair in pp collisions at the LHC. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	35
751	Search for third-generation scalar leptoquarks and heavy right-handed neutrinos in final states with two tau leptons and two jets in proton-proton collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	35
750	Measurement of the ($\mathbf{\bar{t}t}$) production cross section in pp collisions at ($\sqrt{s}=7$) TeV using the kinematic properties of events with leptons and jets. <i>European Physical Journal C</i> , 2011 , 71, 1	4.2	35
749	Measurement of the $B \rightarrow \bar{D}$ transition form factor. <i>Physical Review D</i> , 2010 , 81,	4.9	35
748	Search for invisible decays of the $\Upsilon(1S)$. <i>Physical Review Letters</i> , 2009 , 103, 251801	7.4	35
747	Study of the $D_s J^*(2317)^+$ and $D_s J(2460)^+$ mesons in inclusive $c\bar{c}$ production near $\sqrt{s}=10.6$ GeV. <i>Physical Review D</i> , 2006 , 74,	4.9	35
746	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

745	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
744	Measurement and QCD analysis of double-differential inclusive jet cross sections in pp collisions at ($\sqrt{s}=8$) TeV and cross section ratios to 2.76 and 7 TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5-4	34
743	Search for new physics in same-sign dilepton events in proton-proton collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2016 , 76, 439	4-2	34
742	Measurement of $B(B \rightarrow X_s \gamma)$, the $B \rightarrow X_s \gamma$ photon energy spectrum, and the direct CP asymmetry in $B \rightarrow X_s d \bar{d}$ decays. <i>Physical Review D</i> , 2012 , 86,	4-9	34
741	Search for microscopic black holes in pp collisions at ($\sqrt{s} = \text{7 TeV}$). <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5-4	34
740	Search for heavy stable charged particles in pp collisions at ($\sqrt{s} = 7 \text{ TeV}$). <i>Journal of High Energy Physics</i> , 2011 , 2011, 1	5-4	34
739	Measurement of D^0 - \bar{D}^0 mixing from a time-dependent amplitude analysis of $D^0 \rightarrow K^+ \pi^- \pi^0$ decays. <i>Physical Review Letters</i> , 2009 , 103, 211801	7-4	34
738	Measurements of moments of the hadronic mass distribution in semileptonic B decays. <i>Physical Review D</i> , 2004 , 69,	4-9	34
737	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
736	Search for the decay $B^+ \rightarrow K^+ \nu \bar{\nu}$. <i>Physical Review Letters</i> , 2005 , 94, 101801	7-4	34
735	Improved measurement of the pseudoscalar decay constant f_D s. <i>Physical Review D</i> , 1998 , 58,	4-9	34
734	Measurement of the absolute branching fraction for $D^0 \rightarrow K^- \pi^+ \pi^+$. <i>Physical Review Letters</i> , 1993 , 71, 3070-3074	7-4	34
733	Search for decays of stopped long-lived particles produced in proton-proton collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2015 , 75, 151	4-2	33
732	Search for new physics in events with same-sign dileptons and b jets in pp collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5-4	33
731	Searches for third-generation squark production in fully hadronic final states in proton-proton collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5-4	33
730	Search for a light charged Higgs boson decaying to ($\text{c} \overline{\text{s}}$) in pp collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1-37	5-4	33
729	Searches for rare or forbidden semileptonic charm decays. <i>Physical Review D</i> , 2011 , 84,	4-9	33
728	Search for neutrinoless $\beta\beta$ decays: $B \rightarrow e \beta\beta$ and $B \rightarrow \mu \beta\beta$ <i>Physical Review D</i> , 1997 , 55, R3919-R3923	4-9	33

727	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
726	Improved measurements of the branching fractions for $B^0 \rightarrow \pi^+ \pi^-$ and $B^0 \rightarrow K^+ K^-$ and a search for $B^0 \rightarrow K^+ K^- \pi^0$. <i>Physical Review D</i> , 2007 , 75,	4.9	33
725	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
724	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
723	Limits on D^0 - \bar{D}^0 mixing and CP violation from the ratio of lifetimes for decay to $K \pi^+$, $K \pi^-$, and $\pi^+ \pi^-$. <i>Physical Review Letters</i> , 2003 , 91, 121801	7.4	33
722	Evidence of New States Decaying into $\eta' \pi$. <i>Physical Review Letters</i> , 1999 , 83, 3390-3393	7.4	33
721	Identification techniques for highly boosted W bosons that decay into hadrons. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	32
720	Search for resonances in the dilepton mass distribution in pp collisions at $(\sqrt{s} = 7)$ TeV. <i>Journal of High Energy Physics</i> , 2011 , 2011, 1	5.4	32
719	Search for supersymmetry in pp collisions at $(\sqrt{s} = 7)$ TeV in events with a single lepton, jets, and missing transverse momentum. <i>Journal of High Energy Physics</i> , 2011 , 2011, 1	5.4	32
718	Measurement of the Drell-Yan cross section in pp collisions at $(\sqrt{s} = 7)$ TeV. <i>Journal of High Energy Physics</i> , 2011 , 2011, 1	5.4	32
717	Study of $B^0 \rightarrow \pi^+ \pi^-$ and $B^0 \rightarrow \pi^+ \pi^- K^0$ decays at BABAR. <i>Physical Review D</i> , 2008 , 77,	4.9	32
716	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
715	Search for lepton-flavor and lepton-number violation in the decay $\tau(\pm) \rightarrow l(\pm) h(\pm) h'(\pm)$. <i>Physical Review Letters</i> , 2005 , 95, 191801	7.4	32
714	First observation of the decays $B(0) \rightarrow D^{(*)} p \pi^+$ and $B(0) \rightarrow D^{(*)} p \pi^-$. <i>Physical Review Letters</i> , 2001 , 86, 2732-6	7.4	32
713	Investigation of Semileptonic B Meson Decays to p-Wave Charm Mesons. <i>Physical Review Letters</i> , 1998 , 80, 4127-4131	7.4	32
712	Tau decays with one charged particle plus multiple π^0 s. <i>Physical Review Letters</i> , 1993 , 70, 1207-1211	7.4	32
711	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
710	Dalitz plot analysis of $D_s^+ \rightarrow \pi^+ \pi^- \pi^0$. <i>Physical Review D</i> , 2009 , 79,	4.9	31

709	Improved measurement of CP violation in neutral B decays to $c\bar{c}$. <i>Physical Review Letters</i> , 2007 , 99, 171803	7.4	3 ¹
708	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	3 ¹
707	Measurement of the B^+/B^0 production ratio from the $\Upsilon(4S)$ meson using $B^+ \rightarrow J/\psi K^+$ and $B^0 \rightarrow J/\psi K^0$ decays. <i>Physical Review D</i> , 2004 , 69,	4.9	3 ¹
706	Improved Measurement of the Cabibbo-Kobayashi-Maskawa angle α using $B^0(B^-) \rightarrow \rho^0(\rho^-) \rho^0(\rho^-)$ decays. <i>Physical Review Letters</i> , 2005 , 95, 041805	7.4	3 ¹
705	Measurement of the decays $B \rightarrow \phi K$ and $B \rightarrow \phi K^*$. <i>Physical Review Letters</i> , 2001 , 87, 151801	7.4	3 ¹
704	Measurement of the ratio $\text{scrB}(D^{*+} \rightarrow \pi^0 l^+ \nu)/\text{scrB}(D^{*+} \rightarrow K^0 l^+ \nu)$. <i>Physical Review Letters</i> , 1993 , 71, 1311-1315	7.4	3 ¹
703	Measurement of the (t) production cross section in the e^+e^- channel in proton-proton collisions at $(\sqrt{s}=7)$ and 8 TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	3 ⁰
702	Search in leptonic channels for heavy resonances decaying to long-lived neutral particles. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	3 ⁰
701	Inclusive b-jet production in pp collisions at $(\sqrt{s} = 7\text{TeV})$. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	3 ⁰
700	Observation of Z decays to four leptons with the CMS detector at the LHC. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	3 ⁰
699	Measurement of the top-quark mass in (t) events with lepton+jets final states in pp collisions at $(\sqrt{s}=7)$ TeV. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	3 ⁰
698	Measurement of the underlying event in the Drell-Yan process in proton-proton collisions at $(\sqrt{s} = 7\text{TeV})$. <i>European Physical Journal C</i> , 2012 , 72, 1	4.2	3 ⁰
697	Measurement of $D^0\bar{D}^0$ mixing using the ratio of lifetimes for the decays $D^0 \rightarrow K_S^0$ and $K^0 K_S^0$. <i>Physical Review D</i> , 2009 , 80,	4.9	3 ⁰
696	Dalitz plot analysis of $D_s^+ \rightarrow K^+ K_S^0$. <i>Physical Review D</i> , 2011 , 83,	4.9	3 ⁰
695	Amplitude analysis of the decay $B_{\text{c}}^+ \rightarrow \pi^+ \pi^0 \pi^+$. <i>Physical Review D</i> , 2005 , 72,	4.9	3 ⁰
694	Limits on the decay-rate difference of neutral B mesons and on CP, T, and CPT violation in $B(0-0)B$ oscillations. <i>Physical Review Letters</i> , 2004 , 92, 181801	7.4	3 ⁰
693	Precision measurement of the Ξ^+ baryon mass. <i>Physical Review D</i> , 2005 , 72,	4.9	3 ⁰
692	Measurement of the branching fraction $\text{scrB}(\tau^+ \rightarrow \pi^+ \pi^0 \nu \tau^+)$. <i>Physical Review Letters</i> , 1994 , 72, 3762-3766	7.4	3 ⁰

691	Study of the decay. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1994 , 323, 219-226	4.2	30
690	Measurements of the production cross section and the branching fraction, and constraints on anomalous triple gauge couplings at. <i>European Physical Journal C</i> , 2018 , 78, 165	4.2	29
689	Search for supersymmetry in final states with missing transverse energy and 0, 1, 2, or 3 b-quark jets in 7 TeV pp collisions using the variable β T. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	29
688	Observation of $\Upsilon(1S)$ pair production in proton-proton collisions at $(\sqrt{s}=8)$ TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	29
687	Measurement of top quark-antiquark pair production in association with a W or Z boson in pp collisions at [Formula: see text][Formula: see text]. <i>European Physical Journal C</i> , 2014 , 74, 3060	4.2	29
686	Measurement of differential cross sections for the production of a pair of isolated photons in pp collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2014 , 74, 3129	4.2	29
685	Observation of direct CP violation in the measurement of the Cabibbo-Kobayashi-Maskawa angle β with $B \rightarrow D^{(*)} K^{(*)}$ decays. <i>Physical Review D</i> , 2013 , 87,	4.9	29
684	Measurement of the $B^0 \rightarrow \pi^0 \pi^0$ and $B^+ \rightarrow \pi^+ \pi^0$ branching fractions, the $B^0 \rightarrow \pi^0 \pi^0$ and $B^+ \rightarrow \pi^+ \pi^0$ form-factor shapes, and determination of $ V_{ub} $. <i>Physical Review D</i> , 2011 , 83,	4.9	29
683	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
682	Form factor ratio measurement in $\Lambda_b \rightarrow \Lambda e^+ \nu_e$. <i>Physical Review Letters</i> , 1995 , 75, 624-628	4.2	29
681	First measurement of $\Gamma(D_s^{*+} \rightarrow \mu^+ \nu) / \Gamma(D_s^{*+} \rightarrow \pi^+ \pi^0)$. <i>Physical Review D</i> , 1994 , 49, 5690-5700	4.9	29
680	Production and decay of the $D_{s1}(2536)^+$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993 , 303, 377-384	4.2	29
679	Search for heavy Majorana neutrinos in $e^+ e^- \rightarrow \mu^+ \mu^-$ jets and $e^+ e^- \rightarrow \tau^+ \tau^-$ jets events in proton-proton collisions at $(\sqrt{s}=8)$ TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	28
678	Search for supersymmetry in events with b jets and missing transverse momentum at the LHC. <i>Journal of High Energy Physics</i> , 2011 , 2011, 1	5.4	28
677	Observation of the $\chi(1372)$ bottomonium state through decays to $\chi(1S)$. <i>Physical Review D</i> , 2010 , 82,	4.9	28
676	Study of $B \rightarrow X_s \gamma$ decays and determination of $ V_{td}/V_{ts} $. <i>Physical Review D</i> , 2010 , 82,	4.9	28
675	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
674	Inclusive decays $B \rightarrow D X$ and $B \rightarrow D^* X$. <i>Physical Review D</i> , 1997 , 56, 3783-3802	4.9	28

673	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
672	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
671	Measurement of CP-violating asymmetries in $B^0 \rightarrow \ell\ell$ using a time-dependent Dalitz plot analysis. <i>Physical Review D</i> , 2007 , 76,	4.9	28
670	Evidence for the $B^0 \rightarrow \pi^+\pi^-K^*0$ and $B^+ \rightarrow \pi^+\pi^-K^{*+}$ decays and study of the decay dynamics of B meson decays into $\pi\pi h$ final states. <i>Physical Review D</i> , 2007 , 76,	4.9	28
669	New limits for neutrinoless tau decays. <i>Physical Review D</i> , 1998 , 57, 5903-5907	4.9	28
668	Limit on the tau neutrino mass. <i>Physical Review Letters</i> , 1993 , 70, 3700-3704	7.4	28
667	Measurement of Cabibbo-suppressed decays of the tau lepton. <i>Physical Review Letters</i> , 1994 , 73, 1079-1083	7.4	28
666	Isospin mass splittings from precision measurements of D^*-D mass differences. <i>Physical Review Letters</i> , 1992 , 69, 2046-2049	7.4	28
665	Search for low mass vector resonances decaying into quark-antiquark pairs in proton-proton collisions at $(\sqrt{s}=13)$ TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	28
664	Measurement of the production cross section, the top quark mass, and the strong coupling constant using dilepton events in pp collisions at. <i>European Physical Journal C</i> , 2019 , 79, 368	4.2	27
663	Evidence for exclusive $B \rightarrow W + W$ production and constraints on anomalous quartic gauge couplings in pp collisions at $(\sqrt{s}=7)$ and 8 TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	27
662	Shape, transverse size, and charged-hadron multiplicity of jets in pp collisions at $(\sqrt{s}=7;\text{TeV})$. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	27
661	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
660	Measurement of $(\overline{\text{B}} \rightarrow \text{B})$ angular correlations based on secondary vertex reconstruction at $(\sqrt{s} = 7, \text{TeV})$. <i>Journal of High Energy Physics</i> , 2011 , 2011, 1	5.4	27
659	Studies of $B \rightarrow K\ell\ell$ and $B \rightarrow \ell\ell\ell$ at BABAR and a search for a second-class current. <i>Physical Review D</i> , 2011 , 83,	4.9	27
658	Search for the rare decay $B^0 \rightarrow \tau^+\tau^-$ at BABAR. <i>Physical Review Letters</i> , 2006 , 96, 241802	7.4	27
657	Study of $B \rightarrow \ell\ell$ and $B \rightarrow \ell\ell\ell$ decays and determination of $ V_{ub} $. <i>Physical Review D</i> , 2005 , 72,	4.9	27
656	Measurements of the decays $B^0 \rightarrow D^0\pi^+\pi^-$, $B^0 \rightarrow D^{*0}\pi^+\pi^-$, $B^0 \rightarrow D^0\rho^+\pi^-$, and $B^0 \rightarrow D^{*0}\rho^+\pi^-$. <i>Physical Review D</i> , 2006 , 74,	4.9	27

655	Observation of $D1(2420)^+$ and $D2^*(2460)^+$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1994 , 340, 194-204	4.2	27
654	Measurement of prompt and nonprompt [Formula: see text] production in [Formula: see text] and [Formula: see text] collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2017 , 77, 269	4.2	26
653	Measurement of the cross section and angular correlations for associated production of a Z boson with b hadrons in pp collisions at $(\sqrt{s}) = 7$ TeV. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	26
652	Search for anomalous Wtb couplings and flavour-changing neutral currents in t-channel single top quark production in pp collisions at $(\sqrt{s}=7)$ and 8 TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	26
651	Searches for supersymmetry using the M T2 variable in hadronic events produced in pp collisions at 8 TeV. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	26
650	Search for a low-mass scalar Higgs boson decaying to a tau pair in single-photon decays of $(1S)$. <i>Physical Review D</i> , 2013 , 88,	4.9	26
649	Search for physics beyond the standard model in opposite-sign dilepton events in pp collisions at $(\sqrt{s} = 7, \text{TeV})$. <i>Journal of High Energy Physics</i> , 2011 , 2011, 1	5.4	26
648	Measurement of CP observables in $B \rightarrow DCPK$ decays and constraints on the CKM angle ϕ <i>Physical Review D</i> , 2010 , 82,	4.9	26
647	Measurement of semileptonic B decays into orbitally excited charmed mesons. <i>Physical Review Letters</i> , 2009 , 103, 051803	7.4	26
646	Measurements of the Γ mass and the mass difference of the Ξ and Ξ b BABAR. <i>Physical Review D</i> , 2009 , 80,	4.9	26
645	Measurements of neutral B decay branching fractions to $KS0$ final states and the charge asymmetry of $B^0 \rightarrow K^+ \pi^-$ <i>Physical Review D</i> , 2006 , 73,	4.9	26
644	Observation of the decay $B^0 \rightarrow \Xi^-$ and measurement of the branching fraction and polarization. <i>Physical Review D</i> , 2004 , 69,	4.9	26
643	Observation of the decay $B^+ \rightarrow \pi^+ \pi^0$, study of $B^+ \rightarrow K^+ \pi^0$, and search for $B^0 \rightarrow \pi^0 \pi^0$. <i>Physical Review Letters</i> , 2003 , 91, 021801	7.4	26
642	Measurement of branching fractions and charge asymmetries for exclusive B decays to charmonium. <i>Physical Review Letters</i> , 2005 , 94, 141801	7.4	26
641	Improved measurements of CP-violating asymmetry amplitudes in $B^0 \rightarrow \pi^+ \pi^-$ decays. <i>Physical Review Letters</i> , 2005 , 95, 151803	7.4	26
640	Search for $B \rightarrow \gamma$. <i>Physical Review Letters</i> , 1995 , 75, 785-789	7.4	26
639	Measurement of the decay $\tau \rightarrow \pi^- \pi^+ \pi^- \pi^0 \nu_\tau$. <i>Physical Review Letters</i> , 1993 , 71, 1791-1795	7.4	26
638	Measurement of the W-boson helicity in top-quark decays from $(\overline{\text{t}} \rightarrow \text{t})$ production in lepton+jets events in pp collisions at $(\sqrt{s}=7)$ TeV. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	25

637	Search for top squark pair production in pp collisions at ($\sqrt{s}=13$) TeV using single lepton events. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	25
636	Measurements of the $[\text{Formula: see text}] [\text{Formula: see text}]$ production cross sections in the $[\text{Formula: see text}]$ channel in proton-proton collisions at $[\text{Formula: see text}]$ and $[\text{Formula: see text}]$ and combined constraints on triple gauge couplings. <i>European Physical Journal C</i> , 2015 , 75, 511	4.2	25
635	Search for resonant ($\overline{\text{mathrm{t}}}$) production in lepton+jets events in pp collisions at ($\sqrt{s}=7$) TeV. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	25
634	Measurement of the $D^*(2010)^+$ meson width and the $D^*(2010)^+ - D^0$ mass difference. <i>Physical Review Letters</i> , 2013 , 111, 111801	7.4	25
633	Analysis of the $D^+ \rightarrow K^0 e^+ \bar{\nu}$ decay channel. <i>Physical Review D</i> , 2011 , 83,	4.9	25
632	Experimental tests of lepton universality in \bar{B} decay. <i>Physical Review D</i> , 1997 , 55, 2559-2576	4.9	25
631	Study of hadronic transitions between \bar{B} states and observation of $(\bar{B}_S^0 \rightarrow \bar{B}_S^0)$ decay. <i>Physical Review D</i> , 2008 , 78,	4.9	25
630	Dalitz plot analysis of the decay $B^0(B^0) \rightarrow K^0 \pi^0$. <i>Physical Review D</i> , 2008 , 78,	4.9	25
629	Study of the decay $D_s^+ \rightarrow K^+ K^0 \bar{\nu}$. <i>Physical Review D</i> , 2008 , 78,	4.9	25
628	Measurements of CP-violating asymmetries in $B^0 \rightarrow a_1^+ / -(1260) \pi^- / +$ decays. <i>Physical Review Letters</i> , 2007 , 98, 181803	7.4	25
627	Measurement of the $B^0 \rightarrow D^+ D_s^{*-}$ and $D_s^+ \rightarrow \pi^0$ branching fractions. <i>Physical Review D</i> , 2005 , 71,	4.9	25
626	Measurement of the direct CP asymmetry in $b \rightarrow s$ gamma Decays. <i>Physical Review Letters</i> , 2004 , 93, 021804	4.9	25
625	Search for heavy resonances decaying to two Higgs bosons in final states containing four b quarks. <i>European Physical Journal C</i> , 2016 , 76, 371	4.2	25
624	Measurement of the weak mixing angle using the forward-backward asymmetry of Drell-Yan events in collisions at 8. <i>European Physical Journal C</i> , 2018 , 78, 701	4.2	25
623	Constraints on the pMSSM, AMSB model and on other models from the search for long-lived charged particles in proton-proton collisions at $[\text{Formula: see text}]$. <i>European Physical Journal C</i> , 2015 , 75, 325	4.2	24
622	Search for production of four top quarks in final states with same-sign or multiple leptons in proton-proton collisions at. <i>European Physical Journal C</i> , 2020 , 80, 75	4.2	24
621	Measurement of inclusive jet production and nuclear modifications in pPb collisions at $[\text{Formula: see text}]$. <i>European Physical Journal C</i> , 2016 , 76, 372	4.2	24
620	Jet and underlying event properties as a function of charged-particle multiplicity in proton-proton collisions at $[\text{Formula: see text}]$. <i>European Physical Journal C</i> , 2013 , 73, 2674	4.2	24

619	Measurement of the $Z/\gamma + b$ -jet cross section in pp collisions at $(\sqrt{s} = 7)$ TeV. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	24
618	Search for new physics in events with same-sign dileptons and b-tagged jets in pp collisions at $(\sqrt{s} = 7)$ TeV. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	24
617	Search for CP violation in the decay $B \rightarrow K_S^0(D^0)$. <i>Physical Review D</i> , 2012 , 85,	4.9	24
616	Search for the standard model Higgs boson in the $H \rightarrow ZZ \rightarrow 2\ell\ell$ channel in pp collisions at $(\sqrt{s} = 7)$ TeV. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	24
615	Measurement of the absolute branching fractions for $D_s \rightarrow \ell^+\ell^-$ and extraction of the decay constant f_{D_s} . <i>Physical Review D</i> , 2010 , 82,	4.9	24
614	Search for lepton-number violating processes in $B^{++} \rightarrow h^0 \ell^+ \ell^+$ decays. <i>Physical Review D</i> , 2012 , 85,	4.9	24
613	Measurement of time dependent CP asymmetry parameters in B^0 meson decays to K_S^0 , $\pi^0 K^0$, and $\pi^0 K_S^0$. <i>Physical Review D</i> , 2009 , 79,	4.9	24
612	Measurement of the $B \rightarrow \pi\pi$ branching fraction and a search for a second-class current in the $B \rightarrow \pi(958)\pi$ decay. <i>Physical Review D</i> , 2008 , 77,	4.9	24
611	Measurement of the branching fraction, polarization, and CP asymmetries in $B^0 \rightarrow \pi\pi$ decay, and implications for the CKM angle β . <i>Physical Review D</i> , 2008 , 78,	4.9	24
610	Amplitude analysis of the $B^+ \rightarrow \pi^+ \phi K^*(892)^0$ decay. <i>Physical Review Letters</i> , 2007 , 99, 201802	7.4	24
609	Amplitude analysis of the decay $D^0 \rightarrow K^0 \pi^0$. <i>Physical Review D</i> , 2007 , 76,	4.9	24
608	Measurement of branching fractions and charge asymmetries in $B^+ \rightarrow \rho^+ \pi^0$ and $B^+ \rightarrow \rho^0 \pi^+$ decays, and search for $B^0 \rightarrow \rho^0 \pi^0$. <i>Physical Review Letters</i> , 2004 , 93, 051802	7.4	24
607	Measurement of the $B^0 \rightarrow K^{*}(1430)^0 \pi^0$ and $B^+ \rightarrow K^{*}(1430)^+ \pi^0$ branching fractions. <i>Physical Review D</i> , 2004 , 70,	4.9	24
606	Search for the decay $B^0 \rightarrow \pi^0 \pi^0$. <i>Physical Review D</i> , 2004 , 69,	4.9	24
605	Measurement of the branching fraction for inclusive semileptonic B meson decays. <i>Physical Review D</i> , 2003 , 67,	4.9	24
604	Measurement of B^0 - \bar{B}^0 flavor oscillations in hadronic B^0 decays. <i>Physical Review Letters</i> , 2002 , 88, 221802	7.4	24
603	Measurement of the cross section for $\gamma\gamma \rightarrow p\bar{p}$. <i>Physical Review D</i> , 1994 , 50, 5484-5490	4.9	24
602	Performance of the CMS Level-1 trigger in proton-proton collisions at $\sqrt{s} = 13$ TeV. <i>Journal of Instrumentation</i> , 2020 , 15, P10017-P10017	1	23

601	Search for $W \rightarrow tb$ decays in the lepton + jets final state in pp collisions at $(\sqrt{s}) = 8$ TeV. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	23
600	Observation of Exclusive B Decays to Final States Containing a Charmed Baryon. <i>Physical Review Letters</i> , 1997 , 79, 3125-3129	7.4	23
599	Search for CP violation in neutral D meson Cabibbo-suppressed three-body decays. <i>Physical Review D</i> , 2008 , 78,	4.9	23
598	Measurements of branching fraction, polarization, and charge asymmetry of $B(\pm) \rightarrow \rho(\pm)\rho(0)$ and a search for $B(\pm) \rightarrow \rho(\pm)f(0)(980)$. <i>Physical Review Letters</i> , 2006 , 97, 261801	7.4	23
597	Measurement of the total width, the electronic width, and the mass of the $\Upsilon(10580)$ resonance. <i>Physical Review D</i> , 2005 , 72,	4.9	23
596	Measurements of the branching fractions of charged B decays to $K\pi\pi$ final states. <i>Physical Review D</i> , 2004 , 70,	4.9	23
595	Study of the rare decays $B^0 \rightarrow D^{(*)+}(s)\pi^-$ and $B^0 \rightarrow D^{(*)-}(s)K^+$. <i>Physical Review Letters</i> , 2003 , 90, 181801	7.4	23
594	Measurement of time-dependent CP-violating asymmetries and constraints on $\sin(2\beta)$ with partial reconstruction of $B \rightarrow D^{*}\pi$ decays. <i>Physical Review D</i> , 2005 , 71,	4.9	23
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592	Study of the decays $\Lambda_b^{+} \rightarrow \Xi^0 K^{+}$, $\Lambda_b^{+} \rightarrow \Sigma^{+} K^{+} K^{-}$, and $\Lambda_b^{+} \rightarrow \Xi^{-} K^{+} \pi^{+}$. <i>Physical Review Letters</i> , 1993 , 71, 2391-2395	7.4	23
591	Measurement of the $D \rightarrow \pi\pi$ branching fractions. <i>Physical Review Letters</i> , 1993 , 71, 1973-1977	7.4	23
590	Two-photon production of charged pion and kaon pairs. <i>Physical Review D</i> , 1994 , 50, 3027-3037	4.9	23
589	Study of the five-charged-pion decay of the tau lepton. <i>Physical Review Letters</i> , 1994 , 73, 934-938	7.4	23
588	Search for third-generation scalar leptoquarks decaying to a top quark and a lepton at. <i>European Physical Journal C</i> , 2018 , 78, 707	4.2	23
587	Evidence for associated production of a Higgs boson with a top quark pair in final states with electrons, muons, and hadronically decaying τ leptons at $(\sqrt{s}=13)$ TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	23
586	Measurement of the [Formula: see text] production cross section using events in the [Formula: see text] final state in pp collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2017 , 77, 172	4.2	22
585	Search for dark matter produced in association with heavy-flavor quark pairs in proton-proton collisions at. <i>European Physical Journal C</i> , 2017 , 77, 845	4.2	22
584	Search for physics beyond the standard model in events with two leptons, jets, and missing transverse momentum in pp collisions at $(\sqrt{s}) = 8$ TeV. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	22

583	Measurement of Bose-Einstein correlations in pp collisions at ($\sqrt{s} = 0.9$) and 7 TeV. <i>Journal of High Energy Physics</i> , 2011 , 2011, 1	5.4	22
582	Search for $b \rightarrow u$ transitions in $B \rightarrow DK$ and $D^* K$ decays. <i>Physical Review D</i> , 2010 , 82,	4.9	22
581	Measurement and interpretation of moments in inclusive semileptonic decays $B \rightarrow X c \ell$ <i>Physical Review D</i> , 2010 , 81,	4.9	22
580	Evidence for the $h_b(1P)$ meson in the decay $(B_S) \rightarrow D h_b(1P)$. <i>Physical Review D</i> , 2011 , 84,	4.9	22
579	Measurements of $B \rightarrow \{\pi, \eta, \eta', \nu\} \ell \bar{\nu}$ branching fractions and determination of $ V_{ub} $ with semileptonically tagged B mesons. <i>Physical Review Letters</i> , 2008 , 101, 081801	7.4	22
578	Branching fraction measurements of $B^{+-} \rightarrow \rho + \gamma$, $B^0 \rightarrow \rho^0 \gamma$, and $B^0 \rightarrow \omega \gamma$. <i>Physical Review Letters</i> , 2007 , 98, 151802	7.4	22
577	Measurement of the time-dependent CP-violating asymmetry in $B^0 \rightarrow K_S^0 \ell \bar{\ell}$ decays. <i>Physical Review D</i> , 2005 , 72,	4.9	22
576	Measurement of the Cabibbo-Kobayashi-Maskawa matrix element V_{ub} with $B \rightarrow \rho \ell \nu$ decays. <i>Physical Review Letters</i> , 2003 , 90, 181801	7.4	22
575	Search for exclusive $b \rightarrow u$ semileptonic decays of B mesons. <i>Physical Review Letters</i> , 1993 , 70, 2681-2685	7.4	22
574	Search for B^0 decays to two charged leptons. <i>Physical Review D</i> , 1994 , 49, 5701-5704	4.9	22
573	Measurement of the WZ production cross section in pp collisions at [Formula: see text] and 8 [Formula: see text] and search for anomalous triple gauge couplings at [Formula: see text]. <i>European Physical Journal C</i> , 2017 , 77, 236	4.2	21
572	A search for new phenomena in pp collisions at [Formula: see text] in final states with missing transverse momentum and at least one jet using the [Formula: see text] variable. <i>European Physical Journal C</i> , 2017 , 77, 294	4.2	21
571	Measurement of electroweak production of two jets in association with a Z boson in proton-proton collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2015 , 75, 66	4.2	21
570	Correlations between jets and charged particles in PbPb and pp collisions at ($\sqrt{s_{NN}} = 2.76$) TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	21
569	Measurement of the [Formula: see text] production cross section in the all-jets final state in pp collisions at [Formula: see text] [Formula: see text]. <i>European Physical Journal C</i> , 2016 , 76, 128	4.2	21
568	Measurement of the production cross sections for a Z boson and one or more b jets in pp collisions at ($\sqrt{s} = 7$) TeV. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	21
567	Measurement of the top-quark mass in all-jets [Formula: see text] events in pp collisions at [Formula: see text] TeV. <i>European Physical Journal C</i> , 2014 , 74, 2758	4.2	21
566	Measurement of the $(\bar{t}t)$ production cross section in the $\ell \bar{\ell}$ jets channel in pp collisions at ($\sqrt{s} = 7$) TeV. <i>European Physical Journal C</i> , 2013 , 73, 1	4.2	21

565	Search for physics beyond the standard model in events with two leptons of same sign, missing transverse momentum, and jets in proton-proton collisions at. <i>European Physical Journal C</i> , 2017 , 77, 578	4.2	21
564	Search for light bosons in decays of the 125 GeV Higgs boson in proton-proton collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	21
563	Search for a Higgs boson in the decay channel $H \rightarrow ZZ^{(*)} \rightarrow q(\overline{\text{q}}) \mu\mu$ in pp collisions at ($\sqrt{s}=7$) TeV. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	21
562	Inclusive b-hadron production cross section with muons in pp collisions at ($\sqrt{s}=7$; [TeV]). <i>Journal of High Energy Physics</i> , 2011 , 2011, 1	5.4	21
561	Search for large extra dimensions in the diphoton final state at the Large Hadron Collider. <i>Journal of High Energy Physics</i> , 2011 , 2011, 1	5.4	21
560	Exclusive production of $D_s+D_s \rightarrow D_s^{*+}D_s$ and $D_s^{*+}D_s^{*}$ via $e+e$ annihilation with initial-state radiation. <i>Physical Review D</i> , 2010 , 82,	4.9	21
559	Search for CP violation using T-odd correlations in $D^0 \rightarrow K+K$ decays. <i>Physical Review D</i> , 2010 , 81,	4.9	21
558	Amplitude analysis of $B^0 \rightarrow K+\pi$ and evidence of direct CP violation in $B \rightarrow K^{*}\pi$ decays. <i>Physical Review D</i> , 2011 , 83,	4.9	21
557	Search for the decay modes $B_{\mu} \rightarrow h_{\mu}\pi$ <i>Physical Review D</i> , 2012 , 86,	4.9	21
556	Observation and polarization measurements of $B^{+/-} \rightarrow \phi K1^{+/-}$ and $B^{+/-} \rightarrow \phi K2^{*+/-}$. <i>Physical Review Letters</i> , 2008 , 101, 161801	7.4	21
555	Observation of $B; \{0\} \rightarrow K; (*0) K[\overline{ } (*0)]$ and Search for $B; (0) \rightarrow K; (*0) K; (*0)$. <i>Physical Review Letters</i> , 2008 , 100, 081801	7.4	21
554	Production and decay of Ω_{cc} . <i>Physical Review Letters</i> , 2007 , 99, 062001	7.4	21
553	Observation of CP violation in $B \rightarrow \eta K$ decays. <i>Physical Review Letters</i> , 2007 , 98, 031801	7.4	21
552	Measurement of the branching fractions for the exclusive decays of B^0 and B^+ to $D^{(*)}D^{(*)}K$. <i>Physical Review D</i> , 2003 , 68,	4.9	21
551	Measurement of the ratio of branching fractions $B(D^0 \rightarrow \pi^- e^+ \nu_e)/B(D^0 \rightarrow K^- e^+ \nu_e)$. <i>Physical Review D</i> , 1995 , 52, 2656-2660	4.9	21
550	Search for $\tau \rightarrow \gamma \mu \nu$: A test of lepton number conservation. <i>Physical Review Letters</i> , 1993 , 70, 138-142	7.4	21
549	Measurement of two-photon production of the χ_{c2} . <i>Physical Review D</i> , 1994 , 50, 4265-4271	4.9	21
548	Shape studies of quark jets versus gluon jets at $\sqrt{s}=10$ GeV. <i>Physical Review D</i> , 1992 , 46, 4822-4827	4.9	21

547	Measurement of transverse momentum relative to dijet systems in PbPb and pp collisions at ($\sqrt{s_{\mathrm{NN}}}=2.76$) TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	21
546	Measurement of [Formula: see text] production with additional jet activity, including [Formula: see text] quark jets, in the dilepton decay channel using pp collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2016 , 76, 379	4.2	20
545	Search for standard model production of four top quarks with same-sign and multilepton final states in proton-proton collisions at. <i>European Physical Journal C</i> , 2018 , 78, 140	4.2	20
544	Search for a heavy pseudoscalar boson decaying to a Z and a Higgs boson at. <i>European Physical Journal C</i> , 2019 , 79, 564	4.2	20
543	Measurement of the production cross section for pairs of isolated photons in pp collisions at ($\sqrt{s}=7$;TeV). <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	20
542	Search for pair production of vector-like T and B quarks in single-lepton final states using boosted jet substructure in proton-proton collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	20
541	Search for heavy resonances that decay into a vector boson and a Higgs boson in hadronic final states at. <i>European Physical Journal C</i> , 2017 , 77, 636	4.2	20
540	Search for the rare decay $B \rightarrow K \pi$. <i>Physical Review D</i> , 2010 , 82,	4.9	20
539	Improved measurement of $B^+ \rightarrow \rho^+ \rho^0$ and determination of the quark-mixing phase angle α . <i>Physical Review Letters</i> , 2009 , 102, 141802	7.4	20
538	Measurement of the $B \rightarrow D^{(*)} D^{(*)} K$ branching fractions. <i>Physical Review D</i> , 2011 , 83,	4.9	20
537	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
536	Searches for the decays $B^0 \rightarrow l \bar{l} \pi$ and $B^+ \rightarrow l^+ l^- \pi$ using hadronic tag reconstruction. <i>Physical Review D</i> , 2008 , 77,	4.9	20
535	Evidence for CP violation in $B^0 \rightarrow J/\psi \pi^0$ decays. <i>Physical Review Letters</i> , 2008 , 101, 021801	7.4	20
534	Measurement of the branching fractions of exclusive $B \rightarrow D^{(*)} (\pi) l^- \bar{\nu}_l$ decays in events with a fully reconstructed B meson. <i>Physical Review Letters</i> , 2008 , 100, 151802	7.4	20
533	Determinations of from inclusive semileptonic decays with reduced model dependence. <i>Physical Review Letters</i> , 2006 , 96, 221801	7.4	20
532	Measurement of branching fractions and CP-violating charge asymmetries for B-meson decays to $D^{(*)} D^{(*)}$, and implications for the Cabibbo-Kobayashi-Maskawa angle β . <i>Physical Review D</i> , 2006 , 73,	4.9	20
531	Measurement of the branching fraction and time-dependent CP asymmetry in the decay $B^0 \rightarrow D^{*+} D^{*-} K_S^0$. <i>Physical Review D</i> , 2006 , 74,	4.9	20
530	Measurements of the $B \rightarrow D^*$ form factors using the decay $B \rightarrow D^{*+} e^- \bar{\nu}_e$. <i>Physical Review D</i> , 2006 , 74,	4.9	20

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528	Search for D^0D^0 mixing using semileptonic decay modes. <i>Physical Review D</i> , 2004 , 70,	4.9	20
527	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
526	Measurements of the branching fraction and CP-violation asymmetries in $B^0 \rightarrow f_0(980)K^0_S$. <i>Physical Review Letters</i> , 2005 , 94, 041802	7.4	20
525	Limit on the $B^0 \rightarrow \rho^0 \rho^0$ branching fraction and implications for the Cabibbo-Kobayashi-Maskawa angle α . <i>Physical Review Letters</i> , 2005 , 94, 131801	7.4	20
524	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
523	Search for decays of B^0 mesons into pairs of leptons: $B^0 \rightarrow e^+e^- B^0 \rightarrow \mu^+\mu^-$ and $B^0 \rightarrow e^+\mu^-$. <i>Physical Review D</i> , 2000 , 62,	4.9	20
522	Search for anomalous single top quark production in association with a photon in pp collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	20
521	Measurements of the [Formula: see text] production cross section in lepton+jets final states in pp collisions at 8 [Formula: see text] and ratio of 8 to 7 [Formula: see text] cross sections. <i>European Physical Journal C</i> , 2017 , 77, 15	4.2	19
520	Measurement of the W boson helicity in events with a single reconstructed top quark in pp collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	19
519	Search for resonant and nonresonant Higgs boson pair production in the ($\overline{b}b\ell\ell$) final state in proton-proton collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	19
518	Search for massive WH resonances decaying into the [Formula: see text] final state at [Formula: see text] [Formula: see text]. <i>European Physical Journal C</i> , 2016 , 76, 237	4.2	19
517	Measurement of exclusive photoproduction from protons in Pb collisions at. <i>European Physical Journal C</i> , 2019 , 79, 277	4.2	19
516	Search for heavy resonances decaying to tau lepton pairs in proton-proton collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	19
515	Search for massive resonances decaying into WW, WZ or ZZ bosons in proton-proton collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	19
514	Search for CP violation in B^0 - B^0 mixing using partial reconstruction of $B^0 \rightarrow D^{*-} X^0$ and a kaon tag. <i>Physical Review Letters</i> , 2013 , 111, 101802	7.4	19
513	Measurement of energy flow at large pseudorapidities in pp collisions at ($\sqrt{s}=0.9$) and 7 TeV. <i>Journal of High Energy Physics</i> , 2011 , 2011, 1	5.4	19
512	Test of lepton universality in $(1S)$ decays at BABAR. <i>Physical Review Letters</i> , 2010 , 104, 191801	7.4	19

511	Search for CP violation in the decay $D^{\pm} \rightarrow KS^0$. <i>Physical Review D</i> , 2011 , 83,	4.9	19
510	Initial-state radiation measurement of the $e^+e^- \rightarrow \mu^+\mu^-$ cross section. <i>Physical Review D</i> , 2012 , 85,	4.9	19
509	Search for the decay $D^0 \rightarrow \pi^0\pi^0$ and measurement of the branching fraction for $D^0 \rightarrow \pi^0\pi^0$. <i>Physical Review D</i> , 2012 , 85,	4.9	19
508	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
507	Study of B-meson decays to $\bar{B}K^*$, $\bar{B}(2S)K^*$, and $\bar{B}\bar{K}^*$. <i>Physical Review D</i> , 2008 , 78,	4.9	19
506	Measurement of CP-violating asymmetries in $B^0 \rightarrow D^{*+}D^{*-}$. <i>Physical Review Letters</i> , 2007 , 99, 071801.	4.4	19
505	Search for $b \rightarrow u$ transitions in $B \rightarrow D^0 K^0$ and $B \rightarrow D^{*0} K^0$. <i>Physical Review D</i> , 2005 , 72,	4.9	19
504	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
503	Measurements of the branching fractions and bounds on the charge asymmetries of charmless three-body charged B decays. <i>Physical Review Letters</i> , 2003 , 91, 051801	7.4	19
502	Measurement of the B^0 - \bar{B}^0 oscillation frequency with inclusive dilepton events. <i>Physical Review Letters</i> , 2002 , 88, 221803	7.4	19
501	Search for neutrinoless decays of the tau lepton. <i>Physical Review Letters</i> , 1994 , 73, 1890-1894	7.4	19
500	Measurement of differential cross sections for boson production in association with jets in proton-proton collisions at. <i>European Physical Journal C</i> , 2018 , 78, 965	4.2	19
499	Search for new physics in dijet angular distributions using proton-proton collisions at and constraints on dark matter and other models. <i>European Physical Journal C</i> , 2018 , 78, 789	4.2	19
498	Search for vector-like quarks in events with two oppositely charged leptons and jets in proton-proton collisions at. <i>European Physical Journal C</i> , 2019 , 79, 364	4.2	18
497	Study of Z production in PbPb and pp collisions at ($\sqrt{s_{\text{NN}}}=2.76$) TeV in the dimuon and dielectron decay channels. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	18
496	Observation of top quark pairs produced in association with a vector boson in pp collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	18
495	. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	18
494	Search for direct production of supersymmetric partners of the top quark in the all-jets final state in proton-proton collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	18

493	Search for heavy neutrinos or third-generation leptoquarks in final states with two hadronically decaying leptons and two jets in proton-proton collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	18
492	Search for neutral MSSM Higgs bosons decaying into a pair of bottom quarks. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	18
491	Measurement of the semileptonic decays $B^0 \rightarrow D^0 \pi^0$ and $B^0 \rightarrow D^{*0} \pi^0$. <i>Physical Review D</i> , 2009 , 79,	4.9	18
490	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
489	Dalitz plot analysis of $D^0 \rightarrow K^0 K^0$ and $K^0 \pi^0$. <i>Physical Review D</i> , 2005 , 72,	4.9	18
488	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
487	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
486	Observation of $B^0 \rightarrow \omega K^0$, $B^{++} \rightarrow \eta \pi^+$, and $B^{++} \rightarrow \eta K^+$ and study of related decays. <i>Physical Review Letters</i> , 2004 , 92, 061801	7.4	18
485	Measurements of the mass, total width, and two-photon partial width of the eta(c) meson. <i>Physical Review Letters</i> , 2000 , 85, 3095-9	7.4	18
484	Measurement of the decay asymmetry parameters in $\bar{B}^+ \rightarrow \pi^0 \pi^0$ and $\bar{B}^+ \rightarrow \pi^0 \pi^+$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995 , 350, 256-262	4.2	18
483	Search for ($\overline{\text{t}} \text{t}$) production in the ($\text{H} \rightarrow \text{b} \overline{\text{b}}$) decay channel with leptonic ($\overline{\text{t}} \text{t}$) decays in proton-proton collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	17
482	Search for new physics in events with a leptonically decaying Z boson and a large transverse momentum imbalance in proton-proton collisions at $\sqrt{s} = 13$. <i>European Physical Journal C</i> , 2018 , 78, 291	4.2	17
481	Measurement of the inclusive jet cross section in pp collisions at ($\sqrt{s} = 2.76, \text{TeV}$). <i>European Physical Journal C</i> , 2016 , 76, 1	4.2	17
480	Search for ($\overline{\text{t}} \text{t}$) resonances in highly boosted lepton+jets and fully hadronic final states in proton-proton collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	17
479	Searches for pair production of third-generation squarks in [Formula: see text][Formula: see text] pp collisions. <i>European Physical Journal C</i> , 2017 , 77, 327	4.2	17
478	Search for the production of dark matter in association with top-quark pairs in the single-lepton final state in proton-proton collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	17
477	Search for stopped long-lived particles produced in pp collisions at ($\sqrt{s} = \{7\text{TeV}\}$). <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	17
476	Observation and study of the baryonic B-meson decays $B \rightarrow D^{(*)} \text{pp}$. <i>Physical Review D</i> , 2012 , 85,	4.9	17

475	Ratios of dijet production cross sections as a function of the absolute difference in rapidity between jets in proton-proton collisions at ($\sqrt{s} = 7 \text{ TeV}$). <i>European Physical Journal C</i> , 2012 , 72, 1	4.2	17
474	Measurement of the inclusive Z cross section via decays to tau pairs in pp collisions at ($\sqrt{s} = 7$) TeV. <i>Journal of High Energy Physics</i> , 2011 , 2011, 1	5.4	17
473	Observation of $B(1S)$ and $B(2S)$ decays to $K+K\pi\pi$ in two-photon interactions. <i>Physical Review D</i> , 2011 , 84,	4.9	17
472	Study of high-multiplicity three-prong and five-prong B decays at BABAR. <i>Physical Review D</i> , 2012 , 86,	4.9	17
471	Measurement of the spin of the omega(-) hyperon. <i>Physical Review Letters</i> , 2006 , 97, 112001	7.4	17
470	Search for D^0 - \bar{D}^0 mixing and branching-ratio measurement in the decay $D^0 \rightarrow K^+ \pi^- \pi^0$. <i>Physical Review Letters</i> , 2006 , 97, 221803	7.4	17
469	Search for the rare decay $B \rightarrow \pi l^+ l^-$. <i>Physical Review Letters</i> , 2007 , 99, 051801	7.4	17
468	Measurement of $\cos 2\beta$ in $B_{(0)} \rightarrow D_{(*)} h_{(0)}$ decays with a time-dependent Dalitz plot analysis of $D \rightarrow K_{(s)} \pi_{(0)} \pi_{(0)}$. <i>Physical Review Letters</i> , 2007 , 99, 231802	7.4	17
467	Measurements of branching fractions in $B \rightarrow K$ and $B \rightarrow D$ and search for direct CP violation in $B \rightarrow K$. <i>Physical Review D</i> , 2004 , 69,	4.9	17
466	Measurement of the time-dependent CP asymmetry in the $B^0 \rightarrow \phi K^0$ decay. <i>Physical Review Letters</i> , 2004 , 93, 071801	7.4	17
465	Rare B decays into states containing a J/psi meson and a meson with s(-)s quark content. <i>Physical Review Letters</i> , 2003 , 91, 071801	7.4	17
464	Measurements of $B \rightarrow D_s + X$ decays. <i>Physical Review D</i> , 1996 , 53, 4734-4746	4.9	17
463	Electroweak effects in $e^+e^- \rightarrow e^+e^-$ at $\sqrt{s} = 29 \text{ GeV}$. <i>Physical Review D</i> , 1987 , 35, 10-18	4.9	17
462	Measurement of double-differential cross sections for top quark pair production in pp collisions at [Formula: see text] and impact on parton distribution functions. <i>European Physical Journal C</i> , 2017 , 77, 459	4.2	16
461	Searches for physics beyond the standard model with the variable in hadronic final states with and without disappearing tracks in proton-proton collisions at. <i>European Physical Journal C</i> , 2020 , 80, 3	4.2	16
460	Search for new physics with the M T2 variable in all-jets final states produced in pp collisions at ($\sqrt{s} = 13$) TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	16
459	Search for a very light NMSSM Higgs boson produced in decays of the 125 GeV scalar boson and decaying into $\ell\ell$ in pp collisions at ($\sqrt{s} = 8$) TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	16
458	Measurement of WZ and ZZ production in pp collisions at [Formula: see text] in final states with b-tagged jets. <i>European Physical Journal C</i> , 2014 , 74, 2973	4.2	16

457	Search for exotic resonances decaying into WZ/ZZ in pp collisions at ($\sqrt{s}=7$) TeV. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	16
456	Search for vector-like T quarks decaying to top quarks and Higgs bosons in the all-hadronic channel using jet substructure. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	16
455	Search for CP violation and a measurement of the relative branching fraction in $D^{*+} \rightarrow K^0 \pi^+$ decays. <i>Physical Review D</i> , 2005 , 71,	4.9	16
454	Measurement of branching fractions and charge asymmetries in B^+ decays to $\eta \pi^+$, ηK^+ , $\eta \rho^+$, and $\eta \pi^0 \pi^+$, and search for B^0 decays to ηK^0 and $\eta \omega$. <i>Physical Review Letters</i> , 2005 , 95, 131803	7.4	16
453	Search for $B \rightarrow \tau(\nu)$ and $B \rightarrow K(\nu)\nu$. <i>Physical Review Letters</i> , 2001 , 86, 2950-4	7.4	16
452	Direct CP violation searches in charmless hadronic B meson decays. <i>Physical Review D</i> , 2002 , 65,	4.9	16
451	First observation of the decay $\Xi_{cc}^+ \rightarrow \Xi_{cc}^0 e^+ \nu_e$ and an estimate of the Ξ_{cc}^+ / Ξ_{cc}^0 lifetime ratio. <i>Physical Review Letters</i> , 1995 , 74, 3113-3117	7.4	16
450	Search for dark matter and unparticles in events with a Z boson and missing transverse momentum in proton-proton collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	16
449	Search for dark matter in events with energetic, hadronically decaying top quarks and missing transverse momentum at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	16
448	Measurements of the associated production of a Z boson and b jets in pp collisions at. <i>European Physical Journal C</i> , 2017 , 77, 751	4.2	15
447	Measurement of differential and integrated fiducial cross sections for Higgs boson production in the four-lepton decay channel in pp collisions at ($\sqrt{s}=7$) and 8 TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	15
446	Measurement of the triple-differential cross section for photon + jets production in proton-proton collisions at (\sqrt{s}) = 7 TeV. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	15
445	Search for new physics in events with photons, jets, and missing transverse energy in pp collisions at ($\sqrt{s}=7$) TeV. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	15
444	Search for supersymmetry in pp collisions at [Formula: see text] TeV in events with a single lepton, jets, and missing transverse momentum. <i>European Physical Journal C</i> , 2013 , 73, 2404	4.2	15
443	Measurement of the transverse momentum spectra of weak vector bosons produced in proton-proton collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	15
442	Search for standard model production of four top quarks in the lepton + jets channel in pp collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	15
441	Search for a light Higgs boson decaying to two gluons or ss^* in the radiative decays of $\Upsilon(1S)$. <i>Physical Review D</i> , 2013 , 88,	4.9	15
440	Measurement of the decay $B^{(-)} \rightarrow D^{*0} e^{(-)} \nu_{\mu}$. <i>Physical Review Letters</i> , 2008 , 100, 231803	7.4	15

439	Measurements of partial branching fractions for $B \rightarrow X_{\text{charm}} \nu \mu$ and determination of $ V_{ub} $. <i>Physical Review Letters</i> , 2008 , 100, 171802	7.4	15
438	Observation of $B^{++} \rightarrow \rho^+(1260) K^0$ and $B^0 \rightarrow \rho^-(1260) K^+$. <i>Physical Review Letters</i> , 2008 , 100, 051803	7.4	15
437	Observation of tree-level B decays with ss production from gluon radiation. <i>Physical Review Letters</i> , 2008 , 100, 171803	7.4	15
436	Search for lepton flavor violating decays $\tau \rightarrow l \nu \omega$. <i>Physical Review Letters</i> , 2008 , 100, 071802	7.4	15
435	Inclusive B^+ production in e^+e^- annihilations at $\sqrt{s}=10.54$ GeV and in $\Upsilon(4S)$ decays. <i>Physical Review D</i> , 2007 , 75,	4.9	15
434	Observation of B Meson decays to $B^0 \pi^0$ and $B^0 K^0$. <i>Physical Review Letters</i> , 2007 , 99, 241803	7.4	15
433	Measurement of $B^0 \rightarrow D^{(*)} 0 K^{(*)} 0$ branching fractions. <i>Physical Review D</i> , 2006 , 74,	4.9	15
432	Branching fractions and CP asymmetries in $B^0 \rightarrow K^+ K^- K^0 S$ and $B^{+-} \rightarrow K^+ K^0 S K^0 S$. <i>Physical Review Letters</i> , 2004 , 93, 181805	7.4	15
431	Measurement of the branching fraction, and bounds on the CP-violating asymmetries, of neutral B decays to $D^{*+/-} D^-/+$. <i>Physical Review Letters</i> , 2003 , 90, 221801	7.4	15
430	Measurement of the $B(0)$ and $B(+)$ meson lifetimes with fully reconstructed hadronic final states. <i>Physical Review Letters</i> , 2001 , 87, 201803	7.4	15
429	First observation of the decay $B \rightarrow J/\psi \pi^0 \pi^0 K$. <i>Physical Review Letters</i> , 2000 , 84, 1393-7	7.4	15
428	Search for color-suppressed B hadronic decay processes at the $\Upsilon(4S)$ resonance. <i>Physical Review D</i> , 1998 , 57, 5363-5369	4.9	15
427	Search for Nonresonant $B^{+-} \rightarrow h^+ h^- h^+$ Decays. <i>Physical Review Letters</i> , 1996 , 77, 4503-4507	7.4	15
426	Observation of B^+ decays to $\rho^0 \rho^0$, $\rho^0 \pi^0$, and $\pi^0 \pi^0$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1994 , 325, 257-262	4.2	15
425	Upper limits on $D^{+/-}$ and $B^{+/-}$ decays to two leptons plus $\pi^+/-$ or $K^+/-$. <i>Physical Review D</i> , 1990 , 41, 1384-1388	4.3	15
424	Search for high-mass resonances in final states with a lepton and missing transverse momentum at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	15
423	Measurement of the jet mass in highly boosted [Formula: see text] events from pp collisions at [Formula: see text][Formula: see text]. <i>European Physical Journal C</i> , 2017 , 77, 467	4.2	14
422	Search for direct pair production of supersymmetric top quarks decaying to all-hadronic final states in pp collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2016 , 76, 460	4.2	14

4 ²¹	Search for a massive resonance decaying into a Higgs boson and a W or Z boson in hadronic final states in proton-proton collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	14
4 ²⁰	Measurement of the (Λ_{b}^0) lifetime in pp collisions at ($\sqrt{s}=7$) TeV. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	14
4 ¹⁹	Measurement of the ($\overline{\mathrm{t}}\mathrm{t}$) production cross section in the all-jet final state in pp collisions at ($\sqrt{s}=7$) TeV. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	14
4 ¹⁸	Measurement of the ($\overline{\mathrm{t}}\mathrm{t}$) production cross section using events with one lepton and at least one jet in pp collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	14
4 ¹⁷	Measurement of the $D^{*(2010)+}$ natural linewidth and the $D^{*(2010)+}D^0$ mass difference. <i>Physical Review D</i> , 2013 , 88,	4.9	14
4 ¹⁶	Search for charged lepton flavor violation in narrow upslon decays. <i>Physical Review Letters</i> , 2010 , 104, 151802	7.4	14
4 ¹⁵	Measurements of time-dependent CP asymmetries in $B^0 \rightarrow D^{(*)} + D^{(*)} \pi$ decays. <i>Physical Review D</i> , 2009 , 79,	4.9	14
4 ¹⁴	Model-independent search for the decay $B^+ \rightarrow l^+ \pi^0$. <i>Physical Review D</i> , 2009 , 80,	4.9	14
4 ¹³	Observation of B meson decays to Ξ^* and improved measurements for Ξ and Ξ^0 . <i>Physical Review D</i> , 2009 , 79,	4.9	14
4 ¹²	Search for $b \rightarrow u$ transitions in $B^0 \rightarrow D^0 K^{*0}$ decays. <i>Physical Review D</i> , 2009 , 80,	4.9	14
4 ¹¹	B meson decays to charmless meson pairs containing Ξ or Ξ^0 mesons. <i>Physical Review D</i> , 2009 , 80,	4.9	14
4 ¹⁰	Search for the rare leptonic decays $B^+ \rightarrow l^+ \pi^0$ ($l=e, \mu$). <i>Physical Review D</i> , 2009 , 79,	4.9	14
4 ⁰⁹	Study of the baryonic B decay $B \rightarrow \Xi^+ + p$. <i>Physical Review D</i> , 2012 , 86,	4.9	14
4 ⁰⁸	Amplitude analysis and measurement of the time-dependent CP asymmetry of $B^0 \rightarrow K_S^0 K_S^0 K_S^0$ decays. <i>Physical Review D</i> , 2012 , 85,	4.9	14
4 ⁰⁷	Search for decays of B^0 mesons into $e^+ e^- \pi^0 \pi^0$ and $e^+ e^- \pi^0 \pi^0$ final states. <i>Physical Review D</i> , 2008 , 77,	4.9	14
4 ⁰⁶	Branching fraction and CP-violation charge asymmetry measurements for B-meson decays to Ξ^0 , Ξ , Ξ^* , Ξ^0 , Ξ , and Ξ^* . <i>Physical Review D</i> , 2007 , 76,	4.9	14
4 ⁰⁵	Measurement of the B^0 lifetime and the $B^0 B^0$ oscillation frequency using partially reconstructed $B^0 \rightarrow D^{*+} \pi^-$ decays. <i>Physical Review D</i> , 2006 , 73,	4.9	14
4 ⁰⁴	Search for $B^+ \rightarrow \pi^+ \pi^0$ and $B^0 \rightarrow \pi^0 \pi^0$ decays. <i>Physical Review D</i> , 2006 , 74,	4.9	14

403	B meson decays to \bar{K}^* , $\bar{D}^*\bar{D}$, and \bar{D}^0 . <i>Physical Review D</i> , 2006 , 74,	4.9	14
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401	Measurement of $B^0 \rightarrow D_s^{(*)} + D^{*\mp}$ branching fractions and $B^0 \rightarrow D_s^{(*)} + D^{*\mp}$ polarization with a partial reconstruction technique. <i>Physical Review D</i> , 2003 , 67,	4.9	14
400	Search for CP violation in D^0 decay. <i>Physical Review D</i> , 1995 , 52, 4860-4867	4.9	14
399	Search for Higgs boson off-shell production in proton-proton collisions at 7 and 8 TeV and derivation of constraints on its total decay width. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	14
398	Study of CP asymmetry in $B^{(0)} - \bar{B}^{(0)}$ mixing with inclusive dilepton events. <i>Physical Review Letters</i> , 2015 , 114, 081801	7.4	13
397	Measurement of the ratio of the production cross sections times branching fractions of $B \rightarrow J/\psi \pi^0$ and $B \rightarrow J/\psi \pi^{\pm}$ and $(\text{Br}(\mathcal{B}) \cdot \text{Br}(\mathcal{C})^{\pm}) / (\text{Br}(\mathcal{B}) \cdot \text{Br}(\mathcal{C})^{\mp})$ in pp collisions at $(\sqrt{s} = 7)$ TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	13
396	Constraints on the double-parton scattering cross section from same-sign W boson pair production in proton-proton collisions at $(\sqrt{s} = 8)$ TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	13
395	Forward-backward asymmetry of Drell-Yan lepton pairs in pp collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2016 , 76, 325	4.2	13
394	Measurement of exclusive π^0 photoproduction in ultraperipheral pPb collisions at. <i>European Physical Journal C</i> , 2019 , 79, 702	4.2	13
393	Measurement of the top quark mass in the all-jets final state at and combination with the lepton+jets channel. <i>European Physical Journal C</i> , 2019 , 79, 313	4.2	13
392	Probing color coherence effects in pp collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2014 , 74, 2901	4.2	13
391	Search for a fermiophobic Higgs boson in pp collisions at $(\sqrt{s} = 7)$ TeV. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	13
390	Measurement of the inclusive production cross sections for forward jets and for dijet events with one forward and one central jet in pp collisions at $(\sqrt{s} = 7)$ TeV. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	13
389	Measurement of the mass difference between top and antitop quarks. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	13
388	Branching fraction measurement of $B^+ \rightarrow \bar{D}^0 \pi^+$ decays. <i>Physical Review D</i> , 2013 , 87,	4.9	13
387	Measurement of branching fractions of B decays to $K_1(1270)$ and $K_1(1400)$ and determination of the CKM angle θ from $B^0 \rightarrow a_1(1260) \pi^0$. <i>Physical Review D</i> , 2010 , 81,	4.9	13
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385	Observation of the rare decay $B^+ \rightarrow K^+ \mu^+ \mu^-$ and measurement of the quasi-two-body contributions $B^+ \rightarrow K^*(892)^+ \mu^+ \mu^-$, $B^+ \rightarrow f_0(980) K^+ \mu^+ \mu^-$, and $B^+ \rightarrow \bar{D}^0 K^+ \mu^+ \mu^-$. <i>Physical Review D</i> , 2011 , 84,	4.9	13
384	Improved limits on B^0 decays to invisible ($\mu^+ \mu^-$) final states. <i>Physical Review D</i> , 2012 , 86,	4.9	13
383	Measurement of the spin of the $\chi(1530)$ resonance. <i>Physical Review D</i> , 2008 , 78,	4.9	13
382	Search for $B^0 \rightarrow \gamma(K^+ \mu^-)$ decays with large $K^+ \mu^-$ invariant mass. <i>Physical Review D</i> , 2007 , 76,	4.9	13
381	Measurement of branching fractions and resonance contributions for $B^0 \rightarrow D^0 K^+ \pi^-$ and search for $B^0 \rightarrow D^0 K^+ \pi^-$ decays. <i>Physical Review Letters</i> , 2006 , 96, 011803	7.4	13
380	Study of the $B \rightarrow 3h^+ h^- \mu^+ \mu^-$ decay. <i>Physical Review D</i> , 2005 , 72,	4.9	13
379	Measurement of the ratio $B(B \rightarrow D^* 0 K^+)/B(B \rightarrow D^* 0 \mu^+ \mu^-)$ and of the CP asymmetry of $B \rightarrow DCP^+ 0 K^+$ decays. <i>Physical Review D</i> , 2005 , 71,	4.9	13
378	Measurement of time-dependent CP-violating asymmetries in $B^0 \rightarrow K^{*0} \gamma (K^{*0} \rightarrow K(0) \pi^0)$ decays. <i>Physical Review Letters</i> , 2004 , 93, 201801	7.4	13
377	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
376	Study of $B^+/\rightarrow J/\psi \pi^+/\pi^-$ and $B^+/\rightarrow J/\psi K^+/\pi^-$ decays: measurement of the ratio of branching fractions and search for direct CP violation. <i>Physical Review Letters</i> , 2004 , 92, 241802	7.4	13
375	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
374	Evidence for $B^+ \rightarrow J/\psi \pi^+ \Lambda^0$; and search for $B^0 \rightarrow J/\psi \pi^0 p$. <i>Physical Review Letters</i> , 2003 , 90, 231801	7.4	13
373	Measurement of D_s^+ and D_s^{*+} production in B meson decays and from continuum e^+e^- annihilation at $s=10.6$ GeV. <i>Physical Review D</i> , 2002 , 65,	4.9	13
372	Measurement of the tau -lepton mass. <i>Physical Review D</i> , 1993 , 47, R3671-R3675	4.9	13
371	Observation of the charmed baryon Σ_c^+ and measurement of the isospin mass splittings of the Σ_c . <i>Physical Review Letters</i> , 1993 , 71, 3259-3262	7.4	13
370	Semileptonic Branching Fractions of Charged and Neutral B Mesons. <i>Physical Review Letters</i> , 1994 , 73, 3503-3507	7.4	13
369	Measurement of the ratios of form factors in the decay $D_s^+ \rightarrow B^+ \nu_e$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1994 , 337, 405-410	4.2	13
368	Measurement of the tau lepton electronic branching fraction. <i>Physical Review Letters</i> , 1992 , 69, 3610-3614	7.4	13

367	Observation of the decay. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992 , 283, 161-164	4.2	13
366	Search for exclusive $b \rightarrow u$ transitions in hadronic decays of B mesons involving mesons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993 , 319, 365-372	4.2	13
365	Measurement of $(\bar{t}t)$ normalised multi-differential cross sections in (pp) collisions at $(\sqrt{s}=13, \text{TeV})$, and simultaneous determination of the strong coupling strength, top quark pole mass, and parton distribution functions. <i>European Physical Journal C</i> , 2020 , 80, 1	4.2	13
364	Decomposing transverse momentum balance contributions for quenched jets in PbPb collisions at $(\sqrt{s_{NN}}=2.76)$ TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	13
363	Search for $(\bar{t}t)\text{H}$ production in the all-jet final state in proton-proton collisions at $(\sqrt{s}=13)$ TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	13
362	Measurement of the top quark mass with lepton+jets final states using collisions at. <i>European Physical Journal C</i> , 2018 , 78, 891	4.2	13
361	Search for dark matter produced in association with a Higgs boson decaying to a pair of bottom quarks in proton-proton collisions at. <i>European Physical Journal C</i> , 2019 , 79, 280	4.2	12
360	Search for direct top squark pair production in events with one lepton, jets, and missing transverse momentum at 13 TeV with the CMS experiment. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	12
359	Measurement of normalized differential $(\bar{t}t)$ cross sections in the dilepton channel from pp collisions at $(\sqrt{s}=13)$ TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	12
358	Measurement of the production cross section for $(Z)\gamma \rightarrow \nu \bar{\nu} \gamma$ in pp collisions at $(\sqrt{s}=7)$ TeV and limits on ZZ and Z triple gauge boson couplings. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	12
357	Search for heavy quarks decaying into a top quark and a W or Z boson using lepton + jets events in pp collisions at $(\sqrt{s}=7)$ TeV. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	12
356	Search for top quark decays via Higgs-boson-mediated flavor-changing neutral currents in pp collisions at $(\sqrt{s}=8)$ TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	12
355	Search for quark compositeness in dijet angular distributions from pp collisions at $(\sqrt{s}=7)$ TeV. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	12
354	Search for third-generation leptoquarks and scalar bottom quarks in pp collisions at $(\sqrt{s}=7\text{TeV})$. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	12
353	Search for light resonances decaying into pairs of muons as a signal of new physics. <i>Journal of High Energy Physics</i> , 2011 , 2011, 1	5.4	12
352	Study of radiative bottomonium transitions using converted photons. <i>Physical Review D</i> , 2011 , 84,	4.9	12
351	Search for the decay $B^+ \rightarrow K_S^0 K_S^0 \pi^+$. <i>Physical Review D</i> , 2009 , 79,	4.9	12
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- 346 Search for the Decay $B^{+/-} \rightarrow K^+ \tau^{-/+} \mu^{+/-}$. *Physical Review Letters*, **2007**, 99, 201801 7.4 12
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310	Measurement of the branching fraction and ℓ polarization in $B^0 \rightarrow \ell \ell$ <i>Physical Review D</i> , 2009 , 79,	4.9	11
309	Search for $B \rightarrow K^* \ell$ decays. <i>Physical Review D</i> , 2008 , 78,	4.9	11
308	Measurement of the branching fractions of the radiative charm decays $D^0 \rightarrow K^* 0 \ell$ and $D^0 \rightarrow ? \ell$ <i>Physical Review D</i> , 2008 , 78,	4.9	11
307	Measurements of the branching fractions of $B^0 \rightarrow K^* 0 K + K \ell$, $B^0 \rightarrow K^* 0 \ell K$, $B^0 \rightarrow K^* 0 K + \ell$ and $B^0 \rightarrow K^* 0 \ell \ell$ <i>Physical Review D</i> , 2007 , 76,	4.9	11
306	Measurement of the $B_H^0 \rightarrow \ell \ell$ branching fraction and direct CP asymmetry. <i>Physical Review D</i> , 2007 , 75,	4.9	11
305	Branching fraction and charge asymmetry measurements in $B \rightarrow J/\psi \ell$ decays. <i>Physical Review D</i> , 2007 , 76,	4.9	11
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300	Measurement of the $B^0 \rightarrow J/\psi \pi^+ \pi^-$ branching fraction. <i>Physical Review Letters</i> , 2003 , 90, 091801	7.4	11
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292	Search for Z resonances using leptonic and hadronic final states in proton-proton collisions at (\sqrt{s} =13) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	11
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290	A multi-dimensional search for new heavy resonances decaying to boosted $\tau\tau$ or boson pairs in the dijet final state at 13 TeV. <i>European Physical Journal C</i> , 2020 , 80, 237	4.2	10
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283	Search for supersymmetry in events with at least one photon, missing transverse momentum, and large transverse event activity in proton-proton collisions at (\sqrt{s} =13) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	10
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273	Observation of $B^+ \rightarrow b_1^0 K^0$ and search for B-meson decays to $b_1^0 K^0$ and b_1^0 . <i>Physical Review D</i> , 2008 , 78,	4.9	10
272	Search for neutral B-meson decays to $a_0 \pi^0 K^0$, η , and η' . <i>Physical Review D</i> , 2007 , 75,	4.9	10
271	Measurement of CP asymmetry in $B^0 \rightarrow K_S^0 \pi^0 \pi^0$ decays. <i>Physical Review D</i> , 2007 , 76,	4.9	10
270	Evidence for the decay $B^0 \rightarrow K^{*0} \pi^0$. <i>Physical Review D</i> , 2005 , 71,	4.9	10
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266	Measurements of CP-violating asymmetries and branching fractions in B decays to η and η' . <i>Physical Review D</i> , 2006 , 74,	4.9	10
265	Measurement of branching fractions in radiative B decays to η and search for B decays to η' . <i>Physical Review D</i> , 2006 , 74,	4.9	10
264	Search for the charmed pentaquark candidate $\Xi(3100)^0$ in e^+e^- annihilations at $s=10.58$ GeV. <i>Physical Review D</i> , 2006 , 73,	4.9	10
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255	Measurements of differential cross sections of top quark pair production as a function of kinematic event variables in proton-proton collisions at $(\sqrt{s}=13)$ TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	10
254	Search for dark matter in proton-proton collisions at 8 TeV with missing transverse momentum and vector boson tagged jets. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	9
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252	Search for associated production of dark matter with a Higgs boson decaying to $(\overline{b}b)$ or $t\bar{t}$ at $(\sqrt{s}=13)$ TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	9
251	Search for electroweak production of a vector-like quark decaying to a top quark and a Higgs boson using boosted topologies in fully hadronic final states. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	9
250	Measurement of electroweak-induced production of $W\gamma$ with two jets in pp collisions at $(\sqrt{s}=8)$ TeV and constraints on anomalous quartic gauge couplings. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	9
249	Search for CP violation in the decays $D^0 \rightarrow K_S^0 K^0$, $D_s^0 \rightarrow K_S^0 K^0$, and $D_s^0 \rightarrow K_S^0 \pi^0$. <i>Physical Review D</i> , 2013 , 87,	4.9	9
248	B-meson decays to $\pi^+ \pi^- \pi^0$, and $\pi^+ K^*$. <i>Physical Review D</i> , 2010 , 82,	4.9	9
247	Measurement of the $B^+ \rightarrow \pi^+ \pi^0$ and $B^+ \rightarrow \pi^+ \pi^+ \pi^-$ branching fractions. <i>Physical Review D</i> , 2009 , 79,	4.9	9
246	Search for Lepton Flavor Violating Decays $B \rightarrow Ks^0 \ell \ell$ with the BABAR Experiment. <i>Physical Review D</i> , 2009 , 79,	4.9	9
245	Measurement of the CP-violating asymmetries in $B^0 \rightarrow K_S^0 \pi^0$ and of the branching fraction $B^0 \rightarrow K_S^0 \pi^0$. <i>Physical Review D</i> , 2008 , 77,	4.9	9
244	Measurements of branching fractions for $B^+ \rightarrow \pi^+ \pi^0$ and $B^0 \rightarrow \pi^0 \pi^0$. <i>Physical Review D</i> , 2008 , 78,	4.9	9
243	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
242	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

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239	Branching fraction measurement of $B^0 \rightarrow D^{(*)}+\pi$ and $B^+ \rightarrow D^{(*)}0$ and isospin analysis of $B^+ \rightarrow D^{(*)}\pi$ decays. <i>Physical Review D</i> , 2007 , 75,	4.9	9
238	Study of inclusive B^+ and B^0 decays to flavor-tagged D, Ds, and \bar{B}^+ . <i>Physical Review D</i> , 2007 , 75,	4.9	9
237	Observation of decays $B^0 \rightarrow Ds^{(*)}+\pi^-$ and $B^0 \rightarrow Ds^{(*)}-K^+$. <i>Physical Review Letters</i> , 2007 , 98, 081801	7.4	9
236	Search for the decay $B^+ \rightarrow 4B^0(0)$ <i>Physical Review D</i> , 2005 , 72,	4.9	9
235	Measurement of the branching fractions for inclusive B^+ and B^0 decays to flavor-tagged D, Ds, and \bar{B} . <i>Physical Review D</i> , 2004 , 70,	4.9	9
234	Branching fraction measurements of $B \rightarrow \bar{B}K$ decays. <i>Physical Review D</i> , 2004 , 70,	4.9	9
233	Search for the decay $B^0 \rightarrow J/\psi$ <i>Physical Review D</i> , 2004 , 70,	4.9	9
232	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
231	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
230	Production and decay of $\chi(c)(0)$ at BABAR. <i>Physical Review Letters</i> , 2005 , 95, 142003	7.4	9
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228	Search for lepton flavour violating decays of heavy resonances and quantum black holes to an [Formula: see text] pair in proton-proton collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2016 , 76, 317	4.2	9
227	Search for black holes and sphalerons in high-multiplicity final states in proton-proton collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	9
226	Measurement of charged particle spectra in minimum-bias events from proton-proton collisions at. <i>European Physical Journal C</i> , 2018 , 78, 697	4.2	9
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222	Search for s channel single top quark production in pp collisions at ($\sqrt{s}=7$) and 8 TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	8
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220	Search for single production of vector-like quarks decaying to a Z boson and a top or a bottom quark in proton-proton collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	8
219	Measurement of the top quark mass using single top quark events in proton-proton collisions at [Formula: see text] TeV. <i>European Physical Journal C</i> , 2017 , 77, 354	4.2	8
218	Measurement of the triple-differential dijet cross section in proton-proton collisions at and constraints on parton distribution functions. <i>European Physical Journal C</i> , 2017 , 77, 746	4.2	8
217	Measurement of the $B \rightarrow \pi \pi$ branching fraction with semileptonically tagged B mesons. <i>Physical Review D</i> , 2013 , 88,	4.9	8
216	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
215	Study of dipion bottomonium transitions and search for the $h_b(1P)$ state. <i>Physical Review D</i> , 2011 , 84,	4.9	8
214	Branching fraction of $B \rightarrow K_S^0 K_S^0(0)$ decays. <i>Physical Review D</i> , 2012 , 86,	4.9	8
213	Search for resonances decaying to $\pi \pi$ in two-photon interactions. <i>Physical Review D</i> , 2012 , 86,	4.9	8
212	Measurement of CP violation observables and parameters for the decays $B \rightarrow DK^* \pi$. <i>Physical Review D</i> , 2009 , 80,	4.9	8
211	First Observation of Inclusive B Decays to the Charmed Strange Baryons Λ_b^0 and Λ_b^+ . <i>Physical Review Letters</i> , 1997 , 79, 3599-3603	7.4	8
210	Measurement of the absolute branching fraction of $D^0 \rightarrow K \pi^+$. <i>Physical Review Letters</i> , 2008 , 100, 051802	7.4	8
209	Searches for B meson decays to $\pi^0 \pi^0$, $\pi^0 \rho^0$, $\pi^0 f_0(980)$, and $f_0(980) f_0(980)$ final states. <i>Physical Review Letters</i> , 2008 , 101, 201801	7.4	8
208	Search for the reactions $e^+ e^- \rightarrow \pi^+ \pi^-$ and $e^+ e^- \rightarrow e^+ \pi^-$ <i>Physical Review D</i> , 2007 , 75,	4.9	8
207	Observation of $e^+ e^-$ annihilation into the $C = +1$ hadronic final states $\rho(0) \rho(0)$ and $\pi^0 \rho(0)$. <i>Physical Review Letters</i> , 2006 , 97, 112002	7.4	8
206	Measurement of the absolute branching fractions $B \rightarrow D^* D^{**}$ with a missing mass method. <i>Physical Review D</i> , 2006 , 74,	4.9	8

205	Measurement of the Time-Dependent CP Asymmetry in $B_s \rightarrow D_{CP} h$ Decays. <i>Physical Review Letters</i> , 2007 , 99, 081801	7.4	8
204	Study of $b \rightarrow c$ interference in the decay $B \rightarrow [K+D] K^*$ <i>Physical Review D</i> , 2005 , 72,	4.9	8
203	Search for $B \rightarrow J/\psi$ decays. <i>Physical Review D</i> , 2005 , 71,	4.9	8
202	Measurement of the ratio $B(B \rightarrow X e)/B(B \rightarrow X e)$ <i>Physical Review D</i> , 2006 , 74,	4.9	8
201	Observation of the exclusive reaction $e^+e^- \rightarrow \gamma \gamma$ at $s=10.58$ GeV. <i>Physical Review D</i> , 2006 , 74,	4.9	8
200	Measurement of the branching fraction and polarization for the decay $B \rightarrow D^0 K^*$. <i>Physical Review Letters</i> , 2004 , 92, 141801	7.4	8
199	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
198	Search for the decay $B^0 \rightarrow \gamma \gamma$. <i>Physical Review Letters</i> , 2001 , 87, 241803	7.4	8
197	Measurement of $B(D^0 \rightarrow K^0)$ Using Partial Reconstruction of $B \rightarrow D^* X$ <i>Physical Review Letters</i> , 1998 , 80, 3193-3197	7.4	8
196	Search for the decay $B \rightarrow D_s 1 + (2536) X$. <i>Physical Review D</i> , 1998 , 57, 3847-3853	4.9	8
195	Observation of inclusive B decays to the charmed baryons Σ^{++} and Σ^0 . <i>Physical Review Letters</i> , 1994 , 73, 1472-1476	7.4	8
194	Measurement of the underlying event activity in inclusive Z boson production in proton-proton collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	8
193	Search for electroweak production of charginos in final states with two leptons in pp collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	7
192	Measurement of the production cross section of a W boson in association with two b jets in pp collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2017 , 77, 92	4.2	7
191	Measurement of the energy density as a function of pseudorapidity in proton-proton collisions at ($\sqrt{s}=13$, text {TeV}). <i>European Physical Journal C</i> , 2019 , 79, 1	4.2	7
190	Search for rare decays of and Higgs bosons to and a photon in proton-proton collisions at $\sqrt{s}=13$. <i>European Physical Journal C</i> , 2019 , 79, 94	4.2	7
189	Search for heavy resonances decaying into two Higgs bosons or into a Higgs boson and a W or Z boson in proton-proton collisions at 13 TeV. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	7
188	Search for dark matter particles produced in association with a Higgs boson in proton-proton collisions at ($\sqrt{s}=13$ TeV). <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	7

187	Search for supersymmetry in pp collisions at ($\sqrt{s}=13$) TeV in the single-lepton final state using the sum of masses of large-radius jets. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5-4	7
186	Measurement of top quark polarisation in t-channel single top quark production. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5-4	7
185	Jet properties in PbPb and pp collisions at ($\sqrt{s_{\mathrm{N};\mathrm{N}}}=5.02$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5-4	7
184	Measurement of the semileptonic ($\overline{\mathrm{t}} + \mathrm{t}$) production cross section in pp collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5-4	7
183	Searches for W^\pm bosons decaying to a top quark and a bottom quark in proton-proton collisions at 13 TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5-4	7
182	Search for a light pseudoscalar Higgs boson produced in association with bottom quarks in pp collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5-4	7
181	Measurement of the $Z\ell$ production cross section in pp collisions at 8 TeV and search for anomalous triple gauge boson couplings. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5-4	7
180	Search for direct CP violation in singly Cabibbo-suppressed $D^\pm \rightarrow K^+ K^\mp$ decays. <i>Physical Review D</i> , 2013 , 87,	4-9	7
179	Measurement of the mass of the D_0 meson. <i>Physical Review D</i> , 2013 , 88,	4-9	7
178	Measurements of branching fractions, polarizations, and direct CP-violation asymmetries in $B^\pm \rightarrow D^\mp K^{*\pm}$ and $B^\pm \rightarrow f_0(980) K^{*\pm}$ decays. <i>Physical Review D</i> , 2011 , 83,	4-9	7
177	Observation of the decay $B^- \rightarrow D(s)((^*)^+) K^- \pi^0$. <i>Physical Review Letters</i> , 2011 , 107, 041804	7-4	7
176	Time-dependent Dalitz plot analysis of $B_0 \rightarrow D^\mp K_0^\pm$ decays. <i>Physical Review D</i> , 2008 , 77,	4-9	7
175	Measurement of ratios of branching fractions and CP-violating asymmetries of $B^\pm \rightarrow D^* K^\pm$ decays. <i>Physical Review D</i> , 2008 , 78,	4-9	7
174	Observation of $B^\pm \rightarrow \pi^\pm K_0$ and measurement of its branching fraction and charge asymmetry. <i>Physical Review D</i> , 2007 , 76,	4-9	7
173	Improved measurement of time-dependent CP asymmetries and the CP-odd fraction in the decay $B_0 \rightarrow D^{*\mp} D^{\mp}$. <i>Physical Review D</i> , 2007 , 76,	4-9	7
172	Measurement of B decays to $\eta' K$. <i>Physical Review D</i> , 2007 , 75,	4-9	7
171	Measurements of π^\pm branching fractions of Cabibbo-suppressed decay modes involving η and η' . <i>Physical Review D</i> , 2007 , 75,	4-9	7
170	Measurement of branching fractions and mass spectra of $B^- \rightarrow K \pi \pi \gamma$. <i>Physical Review Letters</i> , 2007 , 98, 211804	7-4	7

169	Observation of $B \rightarrow \eta K^*$ and evidence for $B \rightarrow \eta' K^*$. <i>Physical Review Letters</i> , 2007 , 98, 051802	7.4	7
168	Search for the W-exchange decays $B^0 \rightarrow D_s^{(*)} D_s^{(*)+}$. <i>Physical Review D</i> , 2005 , 72,	4.9	7
167	Precise branching ratio measurements of the decays $D^0 \rightarrow \pi^0 \pi^0$ and $D^0 \rightarrow K_S^0 \pi^0$ relative to the $D^0 \rightarrow K_S^0 \pi^+$ decay. <i>Physical Review D</i> , 2006 , 74,	4.9	7
166	Search for rare quark-annihilation decays, $B \rightarrow D_s^{(*)} \pi$. <i>Physical Review D</i> , 2006 , 73,	4.9	7
165	Search for the decay of a B^0 or B^{\pm} meson to $K_S^0 K^0 K^0$ or $K^* K^0 K^0$. <i>Physical Review D</i> , 2006 , 74,	4.9	7
164	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
163	Measurement of time-dependent CP asymmetries in $B^0 \rightarrow D^{(*)+} D^{-}$ decays. <i>Physical Review Letters</i> , 2005 , 95, 131802	7.4	7
162	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
161	Exclusive $(\bar{p}p)$ production in $\eta(3S)$ decay. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992 , 294, 139-144	4.2	7
160	Search for new physics in final states with two opposite-sign, same-flavor leptons, jets, and missing transverse momentum in pp collisions at $(\sqrt{s}=13)$ TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	7
159	Search for dark matter produced in association with a leptonically decaying boson in proton-proton collisions at. <i>European Physical Journal C</i> , 2021 , 81, 13	4.2	7
158	Search for heavy resonances decaying into a vector boson and a Higgs boson in final states with charged leptons, neutrinos and b quarks at $(\sqrt{s}=13)$ TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	7
157	Search for a heavy resonance decaying into a Z boson and a Z or W boson in $2\ell q$ final states at $(\sqrt{s}=13)$ TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	7
156	Search for dark matter produced in association with a Higgs boson decaying to $\ell\bar{\nu} \ell\nu$ at $(\sqrt{s}=13)$ TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	7
155	Search for a heavy resonance decaying to a pair of vector bosons in the lepton plus merged jet final state at $(\sqrt{s}=13)$ TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	7
154	Precision luminosity measurement in proton-proton collisions at in 2015 and 2016 at CMS. <i>European Physical Journal C</i> , 2021 , 81, 800	4.2	7
153	Search for single production of vector-like quarks decaying to a top quark and a boson in proton-proton collisions at. <i>European Physical Journal C</i> , 2019 , 79, 90	4.2	6
152	Measurement of the underlying event activity using charged-particle jets in proton-proton collisions at $(\sqrt{s}=2.76)$ TeV. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	6

151	Mixed higher-order anisotropic flow and nonlinear response coefficients of charged particles in collisions at and 5.02. <i>European Physical Journal C</i> , 2020 , 80, 534	4.2	6
150	Measurement of electroweak production of a boson in association with two jets in proton-proton collisions at. <i>European Physical Journal C</i> , 2020 , 80, 43	4.2	6
149	Measurement of dijet azimuthal decorrelation in pp collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2016 , 76, 536	4.2	6
148	Search for a heavy resonance decaying to a top quark and a vector-like top quark in the lepton + jets final state in pp collisions at ($\sqrt{s} = 13$,text {TeV}). <i>European Physical Journal C</i> , 2019 , 79, 1	4.2	6
147	Search for the standard model Higgs boson produced in association with W and Z bosons in pp collisions at ($\sqrt{s}=7$)TeV. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	6
146	B0 meson decays to $\bar{D}K^0$, f_0K^0 , and \bar{K}^{*+} , including higher K^* resonances. <i>Physical Review D</i> , 2012 , 85,	4.9	6
145	Search for $f(J)(2220)$ in radiative J/ψ decays. <i>Physical Review Letters</i> , 2010 , 105, 172001	7.4	6
144	Observation of the rare decay $B_0 \rightarrow K S_0 K^0 \pi^0$. <i>Physical Review D</i> , 2010 , 82,	4.9	6
143	Observation of the decay $B^0 \rightarrow \bar{D}^0 p \pi^0$. <i>Physical Review D</i> , 2010 , 82,	4.9	6
142	Search for B-meson decays to $b_1 \pi$ and $b_1 K^*$. <i>Physical Review D</i> , 2009 , 80,	4.9	6
141	Studies of the Cabibbo-suppressed decays $D^+ \rightarrow \bar{D}^0 \pi^+$ and $D^+ \rightarrow \bar{D}^0 \pi^0 \pi^+$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997 , 405, 373-378	4.2	6
140	Observation of $B_0 \rightarrow \bar{D}^0 K^0$ and evidence for $B^+ \rightarrow \bar{D}^0 K^{*+}$. <i>Physical Review D</i> , 2008 , 78,	4.9	6
139	Study of B meson decays with excited eta and eta' mesons. <i>Physical Review Letters</i> , 2008 , 101, 091801	7.4	6
138	Measurement of the CP asymmetry and branching fraction of $B_0 \rightarrow \rho^0 K^0$. <i>Physical Review Letters</i> , 2007 , 98, 051803	7.4	6
137	Search for the radiative decay $B_0 \rightarrow \gamma \pi^0$. <i>Physical Review D</i> , 2005 , 72,	4.9	6
136	Measurement of the $B \rightarrow D^0 K^* \pi$ branching fraction. <i>Physical Review D</i> , 2006 , 73,	4.9	6
135	Study of the decays $B_0 \rightarrow D^{(*)} + D^{(*)} \pi$. <i>Physical Review D</i> , 2000 , 62,	4.9	6
134	Measurement of the branching fraction for $\chi(1S) \rightarrow \mu^+ \mu^-$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1994 , 340, 129-134	4.2	6

133	Search for the associated production of the Higgs boson with a top-quark pair 2014 , 2014, 1		6
132	Search for direct pair production of scalar top quarks in the single- and dilepton channels in proton-proton collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	6
131	Measurement of the differential Drell-Yan cross section in proton-proton collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	6
130	Measurement of the average very forward energy as a function of the track multiplicity at central pseudorapidities in proton-proton collisions at. <i>European Physical Journal C</i> , 2019 , 79, 893	4.2	6
129	Search for new physics in top quark production in dilepton final states in proton-proton collisions at. <i>European Physical Journal C</i> , 2019 , 79, 886	4.2	6
128	Search for decays of stopped exotic long-lived particles produced in proton-proton collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	6
127	Search for a heavy resonance decaying into a Z boson and a vector boson in the ($\nu\bar{\nu}\gamma\gamma$) final state. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	6
126	Measurement of the mass of the top quark in decays with a J/ψ meson in pp collisions at 8 TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	5
125	Measurement of the inclusive energy spectrum in the very forward direction in proton-proton collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	5
124	Branching fractions and CP-violating asymmetries in radiative B decays to η' . <i>Physical Review D</i> , 2009 , 79,	4.9	5
123	Evidence for $B \rightarrow K^* K^0$. <i>Physical Review D</i> , 2009 , 79,	4.9	5
122	Measurements of branching fractions and CP asymmetries and studies of angular distributions for $B \rightarrow K^* K$ decays. <i>Physical Review D</i> , 2011 , 84,	4.9	5
121	Measurement of CP asymmetries in $B^0 \rightarrow K_S^0 K_S^0 K_S^0$ decays. <i>Physical Review D</i> , 2007 , 76,	4.9	5
120	Search for the rare decays $B^+ \rightarrow D^{(*)} K_S^0$. <i>Physical Review D</i> , 2005 , 72,	4.9	5
119	Measurements of B meson decays to η' and η . <i>Physical Review D</i> , 2005 , 71,	4.9	5
118	Search for the rare decays $B^0 \rightarrow D_s^{(*)} a_0(2) \eta$. <i>Physical Review D</i> , 2006 , 73,	4.9	5
117	Search for $B^+ \rightarrow [K(-/+) \pi(+/-)](D) K^+/-$ and upper limit on the $b \rightarrow u$ amplitude in $B^+ \rightarrow DK^+/-$. <i>Physical Review Letters</i> , 2004 , 93, 131804	7.4	5
116	Measurement of the B^0 meson lifetime with partial reconstruction of $B^0 \rightarrow D^{*+} \eta$ and $B^0 \rightarrow D^{*0} \eta$ decays. <i>Physical Review D</i> , 2003 , 67,	4.9	5

115	Measurement of the branching fractions for $(2S) \rightarrow e^+e^-$ and $(2S) \rightarrow \mu^+\mu^-$. <i>Physical Review D</i> , 2001 , 65,	4.9	5
114	Study of $B \rightarrow J/\psi$ and $B \rightarrow J/\psi K$ 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
113	Observation of the dynamic beta effect at the Cornell Electron-Positron Storage Ring with the CLEO detector. <i>Physical Review E</i> , 1998 , 57, 1193-1196	2.4	5
112	Measurement of energy flow at large pseudorapidities in pp collisions at ($\sqrt{s} = 0.9$) and 7 TeV 2011 , 2011, 1		5
111	Measurements of production cross sections and constraints on anomalous triple gauge couplings at. <i>European Physical Journal C</i> , 2021 , 81, 200	4.2	5
110	Measurement of the Higgs boson production rate in association with top quarks in final states with electrons, muons, and hadronically decaying tau leptons at. <i>European Physical Journal C</i> , 2021 , 81, 378	4.2	5
109	Measurements of production cross sections of the Higgs boson in the four-lepton final state in proton-proton collisions at. <i>European Physical Journal C</i> , 2021 , 81, 488	4.2	5
108	Search for top squark pair production using dilepton final states in collision data collected at. <i>European Physical Journal C</i> , 2021 , 81, 3	4.2	5
107	Measurement of the cross section in pp collisions at and validation of lepton analysis techniques. <i>European Physical Journal C</i> , 2018 , 78, 708	4.2	5
106	Search for the pair production of light top squarks in the $e\mu$ final state in proton-proton collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	4
105	Study of the underlying event in top quark pair production in collisions at 13. <i>European Physical Journal C</i> , 2019 , 79, 123	4.2	4
104	Measurement of differential cross sections for inclusive isolated-photon and photon+jet production in proton-proton collisions at. <i>European Physical Journal C</i> , 2019 , 79, 20	4.2	4
103	Distributions of topological observables in inclusive three- and four-jet events in pp collisions at [Formula: see text][Formula: see text]. <i>European Physical Journal C</i> , 2015 , 75, 302	4.2	4
102	Evidence for $(W)W$ production from double-parton interactions in proton-proton collisions at ($\sqrt{s} = 13$, TeV). <i>European Physical Journal C</i> , 2020 , 80, 1	4.2	4
101	Study of dijet events with a large rapidity gap between the two leading jets in pp collisions at. <i>European Physical Journal C</i> , 2018 , 78, 242	4.2	4
100	Pseudorapidity distributions of charged hadrons in proton-lead collisions at ($\sqrt{s_{\mathrm{NN}}}=5.02$) and 8.16 TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	4
99	Search for supersymmetry in events with at least three electrons or muons, jets, and missing transverse momentum in proton-proton collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	4
98	Search for a heavy resonance decaying to a top quark and a vector-like top quark at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	4

97	Search for high-mass Z resonances in e^+e^- and Υ final states in proton-proton collisions at ($\sqrt{s}=8$) and 13 TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	4
96	Search for CP violation in (\overline{t}) production and decay in proton-proton collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	4
95	Search for B^+ meson decay to $a_1(1260)K^*0(892)$. <i>Physical Review D</i> , 2010 , 82,	4.9	4
94	Observation of inclusive $D^*\pi$ production in the decay of $\Upsilon(1S)$. <i>Physical Review D</i> , 2010 , 81,	4.9	4
93	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
92	Observation of the baryonic B-decay $B^0 \rightarrow \bar{p} + p + K^0$. <i>Physical Review D</i> , 2009 , 80,	4.9	4
91	Search for the decay $B^0 \rightarrow \pi$ <i>Physical Review D</i> , 2011 , 83,	4.9	4
90	Search for the Decays $B^0 \rightarrow D^* + D^* \pi$ <i>Physical Review Letters</i> , 1997 , 79, 799-803	7.4	4
89	Search for χ mesons in π lepton decay. <i>Physical Review D</i> , 1997 , 55, R1119-R1123	4.9	4
88	The BaBar drift chamber. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1998 , 419, 310-314	1.2	4
87	Measurement of the mass difference $m(B^0) - m(B^+)$. <i>Physical Review D</i> , 2008 , 78,	4.9	4
86	Search for $B^0 \rightarrow K^* + K^* \pi$ <i>Physical Review D</i> , 2008 , 78,	4.9	4
85	Search for the decays $B^0 \rightarrow e^+e^-$ and $B^0 \rightarrow \mu^+\mu^-$ <i>Physical Review D</i> , 2008 , 77,	4.9	4
84	Observation of $B^+ \rightarrow \phi \pi^+ K^0$ and evidence for $B^0 \rightarrow \phi \pi^0 K^0$ below $\eta(c)$ threshold. <i>Physical Review Letters</i> , 2006 , 97, 261803	7.4	4
83	Search for $b \rightarrow u$ transitions in $B \rightarrow [K^0] DK$ <i>Physical Review D</i> , 2007 , 76,	4.9	4
82	Evidence for the Rare Decay $B^+ \rightarrow D_s^+ \pi$. <i>Physical Review Letters</i> , 2007 , 98,	7.4	4
81	Search for the decay $B \rightarrow 3\pi$ <i>Physical Review D</i> , 2006 , 73,	4.9	4
80	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

79	Measurement of the inclusive semielectronic D^0 branching fraction. <i>Physical Review D</i> , 1996 , 54, 2994-3005	4.0	4
78	Measurement of differential cross sections and charge ratios for γ -channel single top quark production in proton-proton collisions at. <i>European Physical Journal C</i> , 2020 , 80, 370	4.2	4
77	Measurement of electroweak production of a W boson and two forward jets in proton-proton collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	4
76	Azimuthal correlations for inclusive 2-jet, 3-jet, and 4-jet events in pp collisions at ($\sqrt{s}=13$) TeV. <i>European Physical Journal C</i> , 2018 , 78, 1	4.2	4
75	MUSiC: a model-unspecific search for new physics in proton-proton collisions at. <i>European Physical Journal C</i> , 2021 , 81, 629	4.2	4
74	Search for direct pair production of supersymmetric partners to the lepton in proton-proton collisions at. <i>European Physical Journal C</i> , 2020 , 80, 189	4.2	3
73	Measurement of the inclusive ($\overline{\text{t}}\text{t}$) cross section in pp collisions at ($\sqrt{s}=5.02$) TeV using final states with at least one charged lepton. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	3
72	Search for ZZ resonances in the 2ℓ final state in proton-proton collisions at 13 TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	3
71	Search for pair production of excited top quarks in the lepton + jets final state. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	3
70	Test beam performance measurements for the Phase I upgrade of the CMS pixel detector. <i>Journal of Instrumentation</i> , 2017 , 12, P05022-P05022	1	3
69	Search for top quark partners with charge 5/3 in proton-proton collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	3
68	Study of hadronic event-shape variables in multijet final states in pp collisions at ($\sqrt{s}=7$) TeV. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	3
67	Measurement of the cross section for production of ($\overline{b}X$) decaying to muons in pp collisions at ($\sqrt{s}=7$) TeV. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	3
66	Study of the decay $B^0 \rightarrow \rho^+ p \pi^-$ and its intermediate states. <i>Physical Review D</i> , 2013 , 87,	4.9	3
65	Measurement of partial branching fractions of inclusive charmless B meson decays to K^+ , K^0 , and π^0 . <i>Physical Review D</i> , 2011 , 83,	4.9	3
64	Search for B^0 meson decays to $\overline{D}^0 K^0 K^0$, $K^0 K^0 K^0$, and $\pi^0 K^0 K^0$. <i>Physical Review D</i> , 2009 , 80,	4.9	3
63	Measurement of the time-dependent CP asymmetry of partially reconstructed $B^0 \rightarrow D^{*+} D^{*-}$ decays. <i>Physical Review D</i> , 2012 , 86,	4.9	3
62	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

61	The BaBar drift chamber project. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1998 , 409, 46-52	1.2	3
60	Measurement of the branching fraction and decay rate asymmetry of $B \rightarrow D^0 K^0$. <i>Physical Review D</i> , 2005 , 72,	4.9	3
59	Search for the decay $B^0 \rightarrow K_S^0 K_S^0 L^0$. <i>Physical Review D</i> , 2006 , 74,	4.9	3
58	Search for B meson decays to $\eta' K$. <i>Physical Review D</i> , 2006 , 74,	4.9	3
57	Measurement of the branching fraction for $B \rightarrow D^0 K^* \pi$. <i>Physical Review D</i> , 2004 , 69,	4.9	3
56	Measurements of branching fractions and Dalitz distributions for $B^0 \rightarrow D^{(*)\pm} K^0 \pi^\pm$ decays. <i>Physical Review Letters</i> , 2005 , 95, 171802	7.4	3
55	Precision measurement of the $D_s^{*+} - D_s^+$ mass difference. <i>Physical Review D</i> , 1994 , 50, 1884-1891	4.9	3
54	Electronic branching ratio of the tau lepton. <i>Physical Review D</i> , 1992 , 45, 3976-3985	4.9	3
53	Measurements of the $(\mathrm{p}) \rightarrow \mathrm{Z} \mathrm{Z}$ production cross section and the $(\mathrm{Z}) \rightarrow 4\ell$ branching fraction, and constraints on anomalous triple gauge couplings at $(\sqrt{s} = 13, \text{TeV})$ 2018 , 78, 1		3
52	Combined searches for the production of supersymmetric top quark partners in proton-proton collisions at. <i>European Physical Journal C</i> , 2021 , 81, 970	4.2	3
51	Measurement of the (\overline{t}) production cross section in the dilepton channel in pp collisions at $(\sqrt{s}) = 8 \text{ TeV}$ 2014 , 2014, 1		3
50	A Deep Neural Network for Simultaneous Estimation of b Jet Energy and Resolution. <i>Computing and Software for Big Science</i> , 2020 , 4, 10	6	3
49	Measurements of Higgs boson production cross sections and couplings in the diphoton decay channel at $(\sqrt{s}) = 13 \text{ TeV}$. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	3
48	Search for lepton-flavor violating decays of heavy resonances and quantum black holes to $e \ell$ final states in proton-proton collisions at $(\sqrt{s}=13) \text{ TeV}$. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	3
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46	Search for resonant production of second-generation sleptons with same-sign dimuon events in proton-proton collisions at. <i>European Physical Journal C</i> , 2019 , 79, 305	4.2	2
45	Search for new phenomena in final states with two opposite-charge, same-flavor leptons, jets, and missing transverse momentum in pp collisions at $(\sqrt{s}=13) \text{ TeV}$. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	2
44	Measurement of differential cross sections in the kinematic angular variable ϕ^* for inclusive Z boson production in pp collisions at $(\sqrt{s}=8) \text{ TeV}$. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	2

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33	Search for prompt production of B and $X(3872)$ in e^+e^- annihilations. <i>Physical Review D</i> , 2007 , 76,	4.9	2
32	Measurements of neutral B decay branching fractions to $KS^0\pi^0$ final states. <i>Physical Review D</i> , 2004 , 70,	4.9	2
31	Measurement of $\sin 2\beta$ with hadronic and previously unused muonic J/ψ decays. <i>Physical Review D</i> , 2004 , 69,	4.9	2
30	Study of D^0 decays into $K^-\bar{K}^0$ and $K^-\bar{K}^{*0}$. <i>Physical Review D</i> , 1993 , 48, 4007-4017	4.9	2
29	Search for new physics in events with same-sign dileptons and b jets in pp collisions at ($\sqrt{s}=8$) TeV 2013 , 2013, 1		2
28	Study of central exclusive production in proton-proton collisions at and 13TeV. <i>European Physical Journal C</i> , 2020 , 80, 718	4.2	2
27	Search for physics beyond the standard model in events with jets and two same-sign or at least three charged leptons in proton-proton collisions at. <i>European Physical Journal C</i> , 2020 , 80, 752	4.2	2
26	Search for supersymmetry in events with a photon, jets, -jets, and missing transverse momentum in proton-proton collisions at 13. <i>European Physical Journal C</i> , 2019 , 79, 444	4.2	1

25	Search for $B \rightarrow \bar{D}^0 X$ decays in events with a fully reconstructed B meson. <i>Physical Review D</i> , 2012 , 85,	4.9	1
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22	Electronics for the BaBar central drift chamber. <i>IEEE Transactions on Nuclear Science</i> , 1999 , 46, 2027-2032,	4.7	1
21	Development and validation of HERWIG tunes from CMS underlying-event measurements. <i>European Physical Journal C</i> , 2021 , 81, 312	4.2	1
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19	Search for flavor-changing neutral current interactions of the top quark and the Higgs boson decaying to a bottom quark-antiquark pair at $\sqrt{s} = 13$ TeV. <i>Journal of High Energy Physics</i> , 2022 , 2022, 1	5.4	1
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17	Measurement of single-diffractive dijet production in proton-proton collisions at with the CMS and TOTEM experiments. <i>European Physical Journal C</i> , 2020 , 80, 1164	4.2	0
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14	Inclusive and differential cross section measurements of single top quark production in association with a Z boson in proton-proton collisions at $\sqrt{s} = 13$ TeV. <i>Journal of High Energy Physics</i> , 2022 , 2022, 1	5.4	0
13	Search for long-lived particles decaying to leptons with large impact parameter in proton-proton collisions at .. <i>European Physical Journal C</i> , 2022 , 82, 153	4.2	0
12	Search for low-mass dilepton resonances in Higgs boson decays to four-lepton final states in proton-proton collisions at .. <i>European Physical Journal C</i> , 2022 , 82, 290	4.2	0
11	Search for supersymmetry in final states with two or three soft leptons and missing transverse momentum in proton-proton collisions at $\sqrt{s} = 13$ TeV. <i>Journal of High Energy Physics</i> , 2022 , 2022, 1	5.4	0
10	Search for a right-handed W boson and a heavy neutrino in proton-proton collisions at $\sqrt{s} = 13$ TeV. <i>Journal of High Energy Physics</i> , 2022 , 2022, 1	5.4	0
9	Search for a heavy resonance decaying into a top quark and a W boson in the lepton+jets final state at $\sqrt{s} = 13$ TeV. <i>Journal of High Energy Physics</i> , 2022 , 2022, 1	5.4	0
8	Search for heavy resonances decaying to ZZ or ZW and axion-like particles mediating nonresonant ZZ or ZH production at $\sqrt{s} = 13$ TeV. <i>Journal of High Energy Physics</i> , 2022 , 2022, 1	5.4	0

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