

Andrei Gritsan

List of Publications by Citations

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1,012
papers

40,048
citations

85
h-index

157
g-index

1,047
ext. papers

45,789
ext. citations

5.4
avg, IF

4
L-index

#	Paper	IF	Citations
1012	Review of Particle Physics*. <i>Physical Review D</i> , 2012 , 86,	4.9	4786
1011	Review of Particle Physics. <i>Progress of Theoretical and Experimental Physics</i> , 2020 , 2020,	5.4	1112
1010	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
1009	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
1008	Evidence for an excess of $B \rightarrow D^{(*)} \pi^0$ decays. <i>Physical Review Letters</i> , 2012 , 109, 101802	7.4	456
1007	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
1006	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
1005	Observation of CP violation in the B^0 meson system. <i>Physical Review Letters</i> , 2001 , 87, 091801	7.4	373
1004	Measurement of an excess of $B \rightarrow D^{(*)} \pi^0$ decays and implications for charged Higgs bosons. <i>Physical Review D</i> , 2013 , 88,	4.9	340
1003	Study of the $B \rightarrow J/\psi K^0$ decay and measurement of the $B \rightarrow X(3872) K^0$ branching fraction. <i>Physical Review D</i> , 2005 , 71,	4.9	333
1002	Searches for Lepton flavor violation in the decays $\tau^{\pm} \rightarrow e^{\pm} \gamma$ and $\tau^{\pm} \rightarrow \mu^{\pm} \gamma$. <i>Physical Review Letters</i> , 2010 , 104, 021802	7.4	328
1001	Study of high-p _T charged particle suppression in PbPb compared to pp collisions at ($\sqrt{s_{\text{NN}}}$)=2.76~mathrm{TeV}). <i>European Physical Journal C</i> , 2012 , 72, 1	4.2	316
1000	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
999	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
998	Event generator tunes obtained from underlying event and multiparton scattering measurements. <i>European Physical Journal C</i> , 2016 , 76, 155	4.2	250
997	Measurement of the $B \rightarrow \pi$ transition form factor. <i>Physical Review D</i> , 2009 , 80,	4.9	246
996	Search for a dark photon in e^+e^- collisions at BABAR. <i>Physical Review Letters</i> , 2014 , 113, 201801	7.4	241

995	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
994	The Physics of the B Factories. <i>European Physical Journal C</i> , 2014 , 74, 1	4.2	233
993	Measurement of the CP asymmetry amplitude $\sin 2\beta$ with B^0 mesons. <i>Physical Review Letters</i> , 2002 , 89, 201802	7.4	228
992	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
991	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
990	Evidence for D^0 - \bar{D}^0 mixing. <i>Physical Review Letters</i> , 2007 , 98, 211802	7.4	186
989	Suppression of non-prompt J/ψ and $(\Upsilon)(1S)$ in PbPb collisions at ($\sqrt{s_{NN}} = 2.76$) TeV. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	184
988	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
987	Study of $e^+e^- \rightarrow \mu^+\mu^-$ using initial state radiation with BABAR. <i>Physical Review D</i> , 2006 , 73,	4.9	180
986	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
985	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
984	Spin determination of single-produced resonances at hadron colliders. <i>Physical Review D</i> , 2010 , 81,	4.9	162
983	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
982	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
981	Combined measurements of Higgs boson couplings in proton-proton collisions at. <i>European Physical Journal C</i> , 2019 , 79, 421	4.2	153
980	Search for heavy neutrinos and Z' 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
979	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
978	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

977	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
976	Spin and parity of a single-produced resonance at the LHC. <i>Physical Review D</i> , 2012 , 86,	4.9	136
975	Measurement of double charmonium production in $e+e$ annihilations at $s=10.6$ GeV. <i>Physical Review D</i> , 2005 , 72,	4.9	136
974	Direct CP violating asymmetry in $B_0 \rightarrow K+\pi$ decays. <i>Physical Review Letters</i> , 2004 , 93, 131801	7.4	136
973	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
972	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
971	Observation of the bottomonium ground state in the decay $\text{Upsilon}(3S) \rightarrow \gamma \eta'$. <i>Physical Review Letters</i> , 2008 , 101, 071801	7.4	132
970	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
969	Study of time-dependent CP-violating asymmetries and flavor oscillations in neutral B decays at the B_f . <i>Physical Review D</i> , 2002 , 66,	4.9	129
968	Measurements of $e+e \rightarrow K+K^*K+K^*$, and $K_S0K^*K^*$ cross sections using initial state radiation events. <i>Physical Review D</i> , 2008 , 77,	4.9	127
967	Study of the $e+e \rightarrow \eta'$ process using initial state radiation with BABAR. <i>Physical Review D</i> , 2004 , 70,	4.9	122
966	Measurement of the inclusive W and Z production cross sections in pp collisions at $(\sqrt{s} = 7)$ TeV with the CMS experiment. <i>Journal of High Energy Physics</i> , 2011 , 2011, 1	5.4	121
965	Search for lepton flavor violation in the decay $\tau_{+/-} \rightarrow \mu_{+/-} \gamma$. <i>Physical Review Letters</i> , 2005 , 95, 041802	7.4	121
964	Evidence for the decay $X(3872) \rightarrow J/\psi$. <i>Physical Review D</i> , 2010 , 82,	4.9	119
963	Measurements of branching fractions, rate asymmetries, and angular distributions in the rare decays $B \rightarrow K^*K^*$ and $B \rightarrow K^*K^*$. <i>Physical Review D</i> , 2006 , 73,	4.9	119
962	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
961	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
960	Observation of a new D_s meson decaying to DK at a mass of 2.86 GeV/c ² . <i>Physical Review Letters</i> , 2006 , 97, 222001	7.4	117

959	Rates, polarizations, and asymmetries in charmless vector-vector B meson decays. <i>Physical Review Letters</i> , 2003 , 91, 171802	7.4	117
958	Search for doubly charmed baryons $\bar{\Xi}_{c^+}$ and $\bar{\Xi}_{c^{++}}$ in BABAR. <i>Physical Review D</i> , 2006 , 74,	4.9	116
957	Search for Invisible Decays of a Dark Photon Produced in e^+e^- Collisions at BaBar. <i>Physical Review Letters</i> , 2017 , 119, 131804	7.4	113
956	A search for a doubly-charged Higgs boson in pp collisions at ($\sqrt{s} = 7 \text{ mbox{TeV}}$). <i>European Physical Journal C</i> , 2012 , 72, 1	4.2	111
955	Observation of new resonances decaying to $D\bar{\Lambda}$ and $D^*\bar{\Lambda}$ in inclusive e^+e^- collisions near $\sqrt{s}=10.58 \text{ GeV}$. <i>Physical Review D</i> , 2010 , 82,	4.9	111
954	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
953	The $e^+e^- \rightarrow 2(\pi^+\pi^-)$, $2(\pi^+\pi^-)K+K\bar{K}^0$ and $K+K\bar{K}^0$ cross sections measured with initial-state radiation. <i>Physical Review D</i> , 2007 , 76,	4.9	111
952	Precise measurement of the $e^+e^- \rightarrow \pi^+\pi^-$ cross section with the initial-state radiation method at BABAR. <i>Physical Review D</i> , 2012 , 86,	4.9	110
951	$e^+e^- \rightarrow \pi^+\pi^-K+K\bar{K}^0$ and $K+K\bar{K}^0+K\bar{K}^0$ cross sections at center-of-mass energies $0.5 \leq \sqrt{s} \leq 4.5 \text{ GeV}$ measured with initial-state radiation. <i>Physical Review D</i> , 2005 , 71,	4.9	109
950	Search for the $Z(4430)$ at BABAR. <i>Physical Review D</i> , 2009 , 79,	4.9	108
949	The $e^+e^- \rightarrow 3(\pi^+\pi^-)$, $2(\pi^+\pi^-)$ and $K+K\bar{K}^0(\pi^+\pi^-)$ 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
948	Search for $B^+ \rightarrow X(3872)K^+$, $X(3872) \rightarrow J/\psi$ <i>Physical Review D</i> , 2006 , 74,	4.9	106
947	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
946	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
945	Structure at 2175 MeV in $e^+e^- \rightarrow \rho^0(980)$ observed via initial-state radiation. <i>Physical Review D</i> , 2006 , 74,	4.9	102
944	Search for a light charged Higgs boson in top quark decays in pp collisions at ($\sqrt{s} = 7 \text{ TeV}$). <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	101
943	Study of resonances in exclusive B decays to $D\pi^*D^*K$. <i>Physical Review D</i> , 2008 , 77,	4.9	100
942	CMS tracking performance results from early LHC operation. <i>European Physical Journal C</i> , 2010 , 70, 116541-1192	9.9	

941	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
940	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
939	Observation of time-reversal violation in the B0 meson system. <i>Physical Review Letters</i> , 2012 , 109, 211801	4.1	96
938	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
937	Improved measurement of CP asymmetries in B0 \rightarrow (cc)K(0 [*]) decays. <i>Physical Review Letters</i> , 2005 , 94, 161803	7.4	92
936	Search for lepton flavor violation in the decay $\tau \rightarrow e \gamma$. <i>Physical Review Letters</i> , 2006 , 96, 041801	7.4	91
935	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
934	Dalitz-plot analysis of the decays $B \rightarrow K \pi \pi$. <i>Physical Review D</i> , 2005 , 72,	4.9	89
933	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
932	Measurement of the $B \rightarrow \pi \pi$ and $B \rightarrow \eta \pi$ transition form factors. <i>Physical Review D</i> , 2011 , 84,	4.9	86
931	Study of DsJ decays to D*K in inclusive e^+e^- interactions. <i>Physical Review D</i> , 2009 , 80,	4.9	86
930	$e^+e^- \rightarrow K^+K^- \pi^0 \pi^0$ and $K^+K^- K^0 \bar{K}^0$ cross sections measured with initial-state radiation. <i>Physical Review D</i> , 2007 , 76,	4.9	86
929	Observation of an excited charm baryon Omega c* decaying to Omega c0 gamma. <i>Physical Review Letters</i> , 2006 , 97, 232001	7.4	86
928	Measurements of the B \rightarrow Xs branching fraction and photon spectrum from a sum of exclusive final states. <i>Physical Review D</i> , 2005 , 72,	4.9	86
927	Measurement of time-dependent CP asymmetry in B0 \rightarrow ccK(0 [*]) decays. <i>Physical Review D</i> , 2009 , 79,	4.9	84
926	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
925	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
924	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

923	Study of $e+e\rightarrow\mu^+\mu^-$ using initial state radiation with BABAR. <i>Physical Review D</i> , 2007 , 76,	4.9	81
922	Search for $B\rightarrow K^*(*)$ and invisible quarkonium decays. <i>Physical Review D</i> , 2013 , 87,	4.9	80
921	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
920	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
919	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
918	Constraining anomalous HVV interactions at proton and lepton colliders. <i>Physical Review D</i> , 2014 , 89,	4.9	77
917	Study of $e+e\rightarrow\mu^+\mu^-$ via initial-state radiation at BABAR. <i>Physical Review D</i> , 2013 , 87,	4.9	77
916	Study of $B\rightarrow\mu^+\mu^-$ and $B\rightarrow\mu^+\mu^0$ decays and determination of $ V_{ub} $. <i>Physical Review D</i> , 2011 , 83,	4.9	76
915	Study of the X(3872) and Y(4260) in $B^0\rightarrow J/\psi K^0$ and $B^0\rightarrow J/\psi K^0$ decays. <i>Physical Review D</i> , 2006 , 73,	4.9	76
914	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
913	Study of the reaction $e+e\rightarrow J/\psi\mu^+\mu^-$ via initial-state radiation at BABAR. <i>Physical Review D</i> , 2012 , 86,	4.9	75
912	Exclusive initial-state-radiation production of the $D\bar{D}$, D^*D , and D^*D^* systems. <i>Physical Review D</i> , 2009 , 79,	4.9	75
911	Study of $B\rightarrow X(3872)K$, with $X(3872)\rightarrow J/\psi K$ <i>Physical Review D</i> , 2008 , 77,	4.9	75
910	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
909	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
908	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
907	Measurement of jet fragmentation into charged particles in pp and PbPb collisions at ($\sqrt{s_{NN}} = 2.76$) TeV. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	73
906	Study of the exclusive initial-state-radiation production of the $D\bar{D}$ system. <i>Physical Review D</i> , 2007 , 76,	4.9	73

905	Time-integrated and time-dependent angular analyses of $B \rightarrow J/\psi K^0$ measurement of $\cos 2\phi_1$ with no sign ambiguity from strong phases. <i>Physical Review D</i> , 2005 , 71,	4.9	72
904	Study of the production of charged pions, kaons, and protons in pPb collisions at $\sqrt{s_{NN}} = 5.02$ [Formula: see text]. <i>European Physical Journal C</i> , 2014 , 74, 2847	4.2	71
903	Search for a charged partner of the $X(3872)$ in the B meson decay $B \rightarrow X K$, $X \rightarrow J/\psi$. <i>Physical Review D</i> , 2005 , 71,	4.9	71
902	Observation of a narrow meson decaying to $D_s + \bar{D}$ at a mass of $2.458 \text{ GeV}/c^2$. <i>Physical Review D</i> , 2004 , 69,	4.9	71
901	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
900	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
899	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
898	Measurement of D^0 - \bar{D}^0 mixing parameters using $D^0 \rightarrow K^*(0) \pi^0$ and $D^0 \rightarrow K^*(0) K^+ K^-$ decays. <i>Physical Review Letters</i> , 2010 , 105, 081803	7.4	70
897	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
896	J/ψ and $\Upsilon(2S)$ production in pp collisions at $(\sqrt{s} = 7 \text{ TeV})$. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	69
895	Studies of dijet transverse momentum balance and pseudorapidity distributions in pPb collisions at $(\sqrt{s_{NN}} = 5.02)$ (,text {TeV}). <i>European Physical Journal C</i> , 2014 , 74, 1	4.2	67
894	Evidence for the $\eta(b)(1S)$ meson in radiative $\Upsilon(2S)$ decay. <i>Physical Review Letters</i> , 2009 , 103, 161804	7.4	67
893	Measurement of the $B^0 \rightarrow \phi K^0$ decay amplitudes. <i>Physical Review Letters</i> , 2004 , 93, 231804	7.4	66
892	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
891	Evidence of $B^+ \rightarrow \pi^0 \pi^+$ decays with hadronic B tags. <i>Physical Review D</i> , 2013 , 88,	4.9	65
890	Search for $B^+ \rightarrow \pi^0 \pi^+$ recoiling against $B \rightarrow D^0 X$. <i>Physical Review D</i> , 2010 , 81,	4.9	65
889	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
888	Measurement of the $B^+ \rightarrow \pi^0 K^+$ branching fraction and study of the decay dynamics. <i>Physical Review D</i> , 2005 , 72,	4.9	65

887	Search for lepton-flavor violation in the decay $\tau \rightarrow l^+ l^- l^-$. <i>Physical Review Letters</i> , 2004 , 92, 121801	7.4	65
886	Measurement of the Cabibbo-Kobayashi-Maskawa angle γ in $B^+ \rightarrow D^* K^+ \pi^-$ decays with a Dalitz analysis of $D \rightarrow K^0(S) \pi^+ \pi^-$. <i>Physical Review Letters</i> , 2005 , 95, 121802	7.4	65
885	Charged-particle nuclear modification factors in PbPb and pPb collisions at ($\sqrt{s_{\text{NN}}}=5.02$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	64
884	Measurement of the $(\overline{\text{t}})$ 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
883	Angular distributions in the decay $B \rightarrow K^* l^+ l^-$. <i>Physical Review D</i> , 2009 , 79,	4.9	63
882	Improved measurement of the CKM angle β 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
881	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
880	Search for $B^+ \rightarrow \mu^+ \mu^-$ decays with hadronic B tags. <i>Physical Review D</i> , 2008 , 77,	4.9	62
879	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
878	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
877	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
876	Study of excited charm-strange baryons with evidence for new baryons $\Lambda_c(3055)^+$ and $\Lambda_c(3123)^+$. <i>Physical Review D</i> , 2008 , 77,	4.9	61
875	Studies of azimuthal dihadron correlations in ultra-central PbPb collisions at ($\sqrt{s_{\text{NN}}}$) = 2.76 TeV. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	60
874	Observation of the $\eta(2P)$ meson in the reaction $\eta \rightarrow DD$ at BABAR. <i>Physical Review D</i> , 2010 , 81,	4.9	60
873	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
872	Measurements of the absolute branching fractions of $B^+ \rightarrow K^+ X(cc)$. <i>Physical Review Letters</i> , 2006 , 96, 052002	7.4	60
871	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
870	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

869	Measurement of the χ and χ' transition form factors at $q^2=112 \text{ GeV}^2$. <i>Physical Review D</i> , 2006 , 74,	4.9	59
868	Measurement of the electron energy spectrum and its moments in inclusive $B \rightarrow X e \bar{\nu}$ decays. <i>Physical Review D</i> , 2004 , 69,	4.9	59
867	Study of inclusive production of charmonium mesons in B decays. <i>Physical Review D</i> , 2003 , 67,	4.9	59
866	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
865	Study of CP violation in Dalitz-plot analyses of $B^0 \rightarrow K^+ K^- S^0$, $B^+ \rightarrow K^+ K^- K^+$, and $B^+ \rightarrow K^0 K^0 K^+$. <i>Physical Review D</i> , 2012 , 85,	4.9	58
864	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
863	Evidence for direct CP violation from Dalitz-plot analysis of $B_H \rightarrow K_H \bar{H}$. <i>Physical Review D</i> , 2008 , 78,	4.9	58
862	Constraining anomalous Higgs boson couplings to the heavy-flavor fermions using matrix element techniques. <i>Physical Review D</i> , 2016 , 94,	4.9	57
861	Search for anomalous $(\overline{t} t)$ production in the highly-boosted all-hadronic final state. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	57
860	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
859	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
858	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
857	Study of exclusive two-photon production of $W^+ W^-$ in pp collisions at $(\sqrt{s}=7 \text{ TeV})$ and constraints on anomalous quartic gauge couplings. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	56
856	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
855	Long-range and short-range dihadron angular correlations in central PbPb collisions at $(\sqrt{s_{NN}}) = 2.76 \text{ TeV}$. <i>Journal of High Energy Physics</i> , 2011 , 2011, 1	5.4	56
854	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
853	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
852	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

851	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
850	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
849	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
848	Search for $(B_{\text{tag}}^{+/-} \rightarrow \ell^+ \nu_{\ell}) \rightarrow B_{\text{tag}}^{+/-} \rightarrow \ell^+ \nu_{\ell}$ decays. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	52
847	Study of $X(3915) \rightarrow J/\psi \pi \pi$ in two-photon collisions. <i>Physical Review D</i> , 2012 , 86,	4.9	52
846	Search for low-mass dark-sector Higgs bosons. <i>Physical Review Letters</i> , 2012 , 108, 211801	7.4	52
845	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
844	Dalitz plot analysis of the decay $B_{\text{tag}}^+ \rightarrow K_{\text{tag}}^+ K^0 K^+$. <i>Physical Review D</i> , 2006 , 74,	4.9	52
843	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
842	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
841	Search for a low-mass higgs boson in $\text{Upsilon}(3S) \rightarrow \gamma A(0)$, $A(0) \rightarrow \tau^+ \tau^-$ at BABAR. <i>Physical Review Letters</i> , 2009 , 103, 181801	7.4	51
840	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
839	Measurements of differential and double-differential Drell-Yan cross sections in proton-proton collisions at $\sqrt{s} = 7$ and 13 TeV. <i>European Physical Journal C</i> , 2015 , 75, 147	4.2	50
838	Measurement of the ratio of the inclusive 3-jet cross section to the inclusive 2-jet cross section in pp collisions at $\sqrt{s} = 7$ 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
837	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
836	Search for narrow and broad dijet resonances in proton-proton collisions at $\sqrt{s} = 13$ TeV and constraints on dark matter mediators and other new particles. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	50
835	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
834	Nuclear effects on the transverse momentum spectra of charged particles in pPb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>European Physical Journal C</i> , 2015 , 75, 237	4.2	48

833	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
832	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
831	Study of $B \rightarrow D^{(*)} s J + \bar{D}^{(*)}$ decays. <i>Physical Review Letters</i> , 2004 , 93, 181801	7.4	48
830	Measurements of $B(B \rightarrow \bar{D} + p)$ and $B(B \rightarrow \bar{D} + p)$ and studies of $\bar{D} + \pi$ resonances. <i>Physical Review D</i> , 2008 , 78,	4.9	47
829	Measurement of branching fractions and CP and isospin asymmetries for $B \rightarrow K^* \pi$. <i>Physical Review D</i> , 2004 , 70,	4.9	47
828	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
827	Measurement of the relative prompt production rate of and in pp collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2012 , 72, 2251	4.2	46
826	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
825	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
824	Study of $B^0 \rightarrow \pi^+ \pi^-$ decays and constraints on the CKM angle β . <i>Physical Review D</i> , 2007 , 76,	4.9	46
823	Measurements of branching fractions and CP-violating asymmetries in $B^0 \rightarrow \rho^{+/-} h^{+/-}$ decays. <i>Physical Review Letters</i> , 2003 , 91, 201802	7.4	46
822	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
821	Exclusive $\bar{D} \rightarrow \bar{D} \pi$ production in proton-proton collisions at $(\sqrt{s} = 7)$ TeV. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	45
820	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
819	Search for exclusive or semi-exclusive \bar{D} production and observation of exclusive and semi-exclusive $e^+ e^- \bar{D}$ production in pp collisions at $(\sqrt{s} = 7)$ TeV. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	45
818	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
817	Search for CPT and lorentz violation in $B^0 - B^0$ oscillations with dilepton events. <i>Physical Review Letters</i> , 2008 , 100, 131802	7.4	45
816	Measurement of the $X(3872)$ production cross section via decays to $J/\psi \pi^+ \pi^-$ in pp collisions at $(\sqrt{s} = 7)$ TeV. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	44

815	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	5-4	44
814	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	5-4	44
813	J/ψ production via initial state radiation in $e^+e^- \rightarrow \mu^+\mu^- J/\psi$ at an e^+e^- center-of-mass energy near 10.6 GeV. <i>Physical Review D</i> , 2004 , 69,	4-9	44
812	Measurement of the (\overline{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	5-4	43
811	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	5-4	43
810	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	5-4	43
809	Measurements of the semileptonic decays $B^\pm \rightarrow D^\pm \ell^+ \ell^-$ and $B^\pm \rightarrow D^{*\pm} \ell^+ \ell^-$ using a global fit to $D X$ final states. <i>Physical Review D</i> , 2009 , 79,	4-9	43
808	Search for production of invisible final states in single-photon decays of $\Upsilon(1S)$. <i>Physical Review Letters</i> , 2011 , 107, 021804	7-4	43
807	Precision measurement of the $B \rightarrow X_s \gamma$ photon energy spectrum, branching fraction, and direct CP asymmetry $A(\text{CP})(B \rightarrow X(s+d))$. <i>Physical Review Letters</i> , 2012 , 109, 191801	7-4	43
806	Determination of the form factors for the decay $B^0 \rightarrow D^{*+} \ell^- \nu_\ell$ and of the CKM matrix element $ V_{cb} $. <i>Physical Review D</i> , 2008 , 77,	4-9	43
805	Event activity dependence of (Υ)(nS) production in ($\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	5-4	42
804	Search for the $Z_1(4050)^+$ and $Z_2(4250)^+$ states in $B^0 \rightarrow \mu^+ K^-$ and $B^+ \rightarrow \mu^+ K^0$. <i>Physical Review D</i> , 2012 , 85,	4-9	42
803	Evidence for direct CP violation in the measurement of the Cabbibo-Kobayashi-Maskawa angle β with $B^0 \rightarrow D^{(*)} K^{(*)}$ decays. <i>Physical Review Letters</i> , 2010 , 105, 121801	7-4	42
802	Limits on lepton-flavor violating decays into three charged leptons. <i>Physical Review D</i> , 2010 , 81,	4-9	42
801	Dalitz plot analysis of $B^\pm \rightarrow \mu^\pm \mu^\pm \mu^\mp$ decays. <i>Physical Review D</i> , 2009 , 79,	4-9	42
800	Study of $B^0 \rightarrow \mu^+ \mu^-$, $B^\pm \rightarrow \mu^\pm \mu^\mp$, and $B^\pm \rightarrow K^\pm \mu^\pm \mu^\mp$ decays, and isospin analysis of $B \rightarrow \mu \mu$ decays. <i>Physical Review D</i> , 2007 , 76,	4-9	42
799	Measurement of the $B \rightarrow K \mu \mu$ branching fraction. <i>Physical Review D</i> , 2007 , 76,	4-9	42
798	Measurement of the hadronic form factor in $D^0 \rightarrow K^\pm \mu^\mp$ decays. <i>Physical Review D</i> , 2007 , 76,	4-9	42

797	Search for additional neutral MSSM Higgs bosons in the final state in proton-proton collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5-4	42
796	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
795	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
794	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
793	Dalitz plot analysis of $B \rightarrow D + \pi$ <i>Physical Review D</i> , 2009 , 79,	4-9	41
792	Search for hadronic decays of a light Higgs boson in the radiative decay $B \rightarrow \gamma 0$. <i>Physical Review Letters</i> , 2011 , 107, 221803	7-4	41
791	Cross sections for the reactions $e+e \rightarrow K+K \rightarrow K+K 00$, and $K+K \rightarrow K+K$ measured using initial-state radiation events. <i>Physical Review D</i> , 2012 , 86,	4-9	41
790	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
789	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
788	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
787	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
786	Exclusive measurements of $b \rightarrow s$ transition rate and photon energy spectrum. <i>Physical Review D</i> , 2012 , 86,	4-9	40
785	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
784	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
783	Studies of jet mass in dijet and W/Z + jet events. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5-4	39
782	Study of the underlying event at forward rapidity in pp collisions at ($\sqrt{s}=0.9, 2.76, 7$ TeV). <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5-4	39
781	Measurement of the ZZ production cross section and search for anomalous couplings in $2\mu\mu$ final states in pp collisions at ($\sqrt{s}=7$) TeV. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5-4	39
780	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

779	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
778	Observation of B0 meson decay to a $1^-(1260)\pi^{\pm}$. <i>Physical Review Letters</i> , 2006 , 97, 051802	7.4	39
777	Search for $B^+ \rightarrow \mu^+\mu^0$. <i>Physical Review D</i> , 2007 , 76,	4.9	39
776	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
775	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
774	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
773	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
772	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
771	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
770	Measurements of charged current lepton universality and $ V_{us} $ using tau lepton decays to $e^- \bar{\nu}_e$ $\mu^+ \bar{\nu}_\mu$ and $K^- \bar{\nu}_s$. <i>Physical Review Letters</i> , 2010 , 105, 051602	7.4	38
769	Measurement of the $[\text{Formula: see text}]$ cross section in pp collisions at $[\text{Formula: see text}]$ TeV and limits on anomalous gauge couplings. <i>European Physical Journal C</i> , 2016 , 76, 401	4.2	38
768	Constraints on parton distribution functions and extraction of the strong coupling constant from the inclusive jet cross section in pp collisions at $[\text{Formula: see text}] [\text{Formula: see text}]$. <i>European Physical Journal C</i> , 2015 , 75, 288	4.2	37
767	Measurement of the differential cross section and charge asymmetry for inclusive $[\text{Formula: see text}]$ production at $[\text{Formula: see text}]$ TeV. <i>European Physical Journal C</i> , 2016 , 76, 469	4.2	37
766	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
765	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
764	Measurement of masses in the $[\text{Formula: see text}]$ system by kinematic endpoints in pp collisions at $[\text{Formula: see text}]$. <i>European Physical Journal C</i> , 2013 , 73, 2494	4.2	37
763	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
762	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

761	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
760	Time-dependent amplitude analysis of $B_0 \rightarrow K_S^0 \pi^0$. <i>Physical Review D</i> , 2009 , 80,	4.9	37
759	Measurement of $B \rightarrow K^* \gamma$ branching fractions and charge asymmetries. <i>Physical Review Letters</i> , 2002 , 88, 101805	7.4	37
758	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
757	Measurement of prompt and nonprompt charmonium suppression in collisions at 5.02. <i>European Physical Journal C</i> , 2018 , 78, 509	4.2	37
756	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
755	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
754	Measurement of $D^0\overline{D}^0$ mixing using the ratio of lifetimes for the decays $D^0 \rightarrow K_S^0, K_S^0, \text{ and } \pi^0$. <i>Physical Review D</i> , 2008 , 78,	4.9	36
753	Time-dependent and time-integrated angular analysis of $B \rightarrow K_S^0 \pi^0$ and $K_S^0 \pi^0$. <i>Physical Review D</i> , 2008 , 78,	4.9	36
752	Measurement of the $B \rightarrow \pi^0 \ell \nu$ branching fraction and determination of absolute value of V_{ub} with tagged B mesons. <i>Physical Review Letters</i> , 2006 , 97, 211801	7.4	36
751	Observation of the decay $B^+ \rightarrow K^+ K^- \pi^+$. <i>Physical Review Letters</i> , 2007 , 99, 221801	7.4	36
750	Improved limits on the lepton-flavor violating decays $\tau^- \rightarrow \ell^+ \ell^-$. <i>Physical Review Letters</i> , 2007 , 99, 251803	7.4	36
749	Measurement of CP asymmetries in $B_0 \rightarrow \pi^0 K^0$ and $B_0 \rightarrow K^+ K^- K_S^0$ decays. <i>Physical Review D</i> , 2005 , 71,	4.9	36
748	Limits on the decay-rate difference of neutral B mesons and on CP, T, and CPT violation in $B_0\overline{B}_0$ oscillations. <i>Physical Review D</i> , 2004 , 70,	4.9	36
747	Search for $D^0\text{-}\overline{D}^0$ mixing and a measurement of the doubly Cabibbo-suppressed decay rate in $D^0 \rightarrow K^0 \pi^0$ decays. <i>Physical Review Letters</i> , 2003 , 91, 171801	7.4	36
746	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
745	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
744	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

743	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
742	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
741	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
740	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
739	Measurement of the ($\mathit{t}\bar{\mathit{t}}$) 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
738	Measurement of the $\mathit{B}\rightarrow\bar{\mathit{D}}$ transition form factor. <i>Physical Review D</i> , 2010 , 81,	4-9	35
737	Search for invisible decays of the Upsilon(1S). <i>Physical Review Letters</i> , 2009 , 103, 251801	7-4	35
736	Study of the $\text{DsJ}^*(2317)^+$ and $\text{DsJ}(2460)^+$ mesons in inclusive $c\bar{c}$ production near $s=10.6$ GeV. <i>Physical Review D</i> , 2006 , 74,	4-9	35
735	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
734	Study of the decay $\text{B}_0(\text{B}^0)\rightarrow\rho^+\rho^-$, and constraints on the Cabibbo-Kobayashi-Maskawa angle α . <i>Physical Review Letters</i> , 2004 , 93, 231801	7-4	35
733	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
732	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
731	Measurement of $\text{B}(\text{B}\rightarrow\text{Xs})$, the $\text{B}\rightarrow\text{Xs}\gamma$ photon energy spectrum, and the direct CP asymmetry in $\text{B}\rightarrow\text{Xs}+\text{d}\bar{\mathit{d}}$ decays. <i>Physical Review D</i> , 2012 , 86,	4-9	34
730	Search for microscopic black holes in pp collisions at ($\sqrt{s} = \text{7TeV}$). <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5-4	34
729	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
728	Measurement of $\text{D}_0\text{-D}_0^{\text{over}}$ mixing from a time-dependent amplitude analysis of $\text{D}_0\rightarrow\text{K}+\pi^-\pi^0$ decays. <i>Physical Review Letters</i> , 2009 , 103, 211801	7-4	34
727	Measurements of moments of the hadronic mass distribution in semileptonic B decays. <i>Physical Review D</i> , 2004 , 69,	4-9	34
726	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

725	Search for the decay $B^+ \rightarrow K^+ \nu \nu$. <i>Physical Review Letters</i> , 2005 , 94, 101801	7-4	34
724	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
723	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
722	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
721	Search for a light charged Higgs boson decaying to ($\overline{c} s$) in pp collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1-37	5-4	33
720	Searches for rare or forbidden semileptonic charm decays. <i>Physical Review D</i> , 2011 , 84,	4-9	33
719	Measurement of decay amplitudes of $B \rightarrow J/\psi K^*$, $B \rightarrow \psi(2S) K^*$, and $B \rightarrow \psi(1K^*$ with an angular analysis. <i>Physical Review D</i> , 2007 , 76,	4-9	33
718	Improved measurements of the branching fractions for $B^0 \rightarrow \pi^+ \pi^-$ and $B^0 \rightarrow K^+ \pi^-$ and a search for $B^0 \rightarrow K^+ K^-$. <i>Physical Review D</i> , 2007 , 75,	4-9	33
717	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
716	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
715	Limits on D^0 - \overline{D}^0 mixing and CP violation from the ratio of lifetimes for decay to $K \pi^+$, $K^- K^+$, and $\pi^- \pi^+$. <i>Physical Review Letters</i> , 2003 , 91, 121801	7-4	33
714	Identification techniques for highly boosted W bosons that decay into hadrons. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5-4	32
713	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
712	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
711	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
710	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
709	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
708	Search for lepton-flavor and lepton-number violation in the decay $\tau(-) \rightarrow l(+)\nu_l(-)\nu_{\tau}(-)$. <i>Physical Review Letters</i> , 2005 , 95, 191801	7-4	32

707	Measurement of CP asymmetries and branching fractions in charmless two-body B-meson decays to pions and kaons. <i>Physical Review D</i> , 2013 , 87,	4.9	3 ¹
706	Dalitz plot analysis of $D_{s^+} \rightarrow \pi^+ \pi^0 \pi^0$. <i>Physical Review D</i> , 2009 , 79,	4.9	3 ¹
705	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
704	Measurement of CP violation parameters with a Dalitz plot analysis of $B_{\{+/-\}} \rightarrow D\{\pi^+\pi^-\pi^0\}K_{\{+/-\}}$. <i>Physical Review Letters</i> , 2007 , 99, 251801	7.4	3 ¹
703	Measurement of the B^+ / B^0 production ratio from the $\Upsilon(4S)$ meson using $B^+ \rightarrow J/\psi K^+$ and $B^0 \rightarrow J/\psi K_S^0$ decays. <i>Physical Review D</i> , 2004 , 69,	4.9	3 ¹
702	Improved Measurement of the Cabibbo-Kobayashi-Maskawa angle α using $B^0(B^-) \rightarrow \rho^+\rho^-$ decays. <i>Physical Review Letters</i> , 2005 , 95, 041805	7.4	3 ¹
701	Measurement of the $(\overline{\text{t}})$ 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
700	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
699	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
698	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
697	Measurement of the top-quark mass in $(\overline{\text{t}})$ 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
696	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
695	Measurement of $D^0\bar{D}^0$ mixing using the ratio of lifetimes for the decays $D^0 \rightarrow K_S^0$ and K^+K^- . <i>Physical Review D</i> , 2009 , 80,	4.9	3 ⁰
694	Dalitz plot analysis of $D_{s^+} \rightarrow K^+ K_S^0$. <i>Physical Review D</i> , 2011 , 83,	4.9	3 ⁰
693	Amplitude analysis of the decay $B_{\{+/-\}} \rightarrow \pi^+ \pi^-$. <i>Physical Review D</i> , 2005 , 72,	4.9	3 ⁰
692	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
691	Precision measurement of the Ξ^+ baryon mass. <i>Physical Review D</i> , 2005 , 72,	4.9	3 ⁰
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	2 ⁹

689	Search for supersymmetry in final states with missing transverse energy and 0, 1, 2, or B b-quark jets in 7 TeV pp collisions using the variable \cancel{E}_T . <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5-4	29
688	Observation of $Y(1S)$ 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 $[\text{Formula: see text}][\text{Formula: see text}]$. <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 $[\text{Formula: see text}]$. <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 $B_{\bar{d}} \rightarrow D^{(*)} K^{(*)} \bar{d}$ decays. <i>Physical Review D</i> , 2013 , 87,	4-9	29
684	Measurement of the $B_0 \rightarrow \bar{d} \bar{d}$ and $B^+ \rightarrow \bar{d} \bar{d}$ branching fractions, the $B_0 \rightarrow \bar{d} \bar{d}$ and $B^+ \rightarrow \bar{d} \bar{d}$ 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 $D_s \bar{d}$ and $D_s J(2460) \bar{d}$ branching fractions. <i>Physical Review D</i> , 2006 , 74,	4-9	29
682	Search for vector-like T and B quark pairs in final states with leptons at $(\sqrt{s}=13)$ TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5-4	29
681	Search for heavy Majorana neutrinos in $e \bar{e} \bar{d} +$ jets and $e \bar{e} \bar{u} +$ jets events in proton-proton collisions at $(\sqrt{s}=8)$ TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5-4	28
680	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
679	Observation of the $(13D_J)$ bottomonium state through decays to $\bar{d} \bar{d} (1S)$. <i>Physical Review D</i> , 2010 , 82,	4-9	28
678	Study of $B \rightarrow X \bar{d}$ decays and determination of $ V_{td}/V_{ts} $. <i>Physical Review D</i> , 2010 , 82,	4-9	28
677	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
676	Study of polarization in $B \rightarrow V \bar{d}$ decays. <i>Physical Review D</i> , 2008 , 77,	4-9	28
675	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
674	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
673	Measurement of CP-violating asymmetries in $B_0 \rightarrow \bar{d} \bar{d}$ using a time-dependent Dalitz plot analysis. <i>Physical Review D</i> , 2007 , 76,	4-9	28
672	Evidence for the $B_0 \rightarrow \bar{d} \bar{d} K^{*0}$ and $B^+ \rightarrow \bar{d} \bar{d} K^{*+}$ decays and study of the decay dynamics of B meson decays into $\bar{d} \bar{d} h$ final states. <i>Physical Review D</i> , 2007 , 76,	4-9	28

671	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
670	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
669	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
668	Shape, transverse size, and charged-hadron multiplicity of jets in pp collisions at ($\sqrt{s}=7$;TeV). <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5-4	27
667	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
666	Measurement of ($\overline{B}B$) 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
665	Studies of $B \rightarrow K$ and $B \rightarrow \pi$ at BABAR and a search for a second-class current. <i>Physical Review D</i> , 2011 , 83,	4-9	27
664	Search for the rare decay $B^0 \rightarrow \tau^+\tau^-$ at BABAR. <i>Physical Review Letters</i> , 2006 , 96, 241802	7-4	27
663	Study of $B \rightarrow \pi$ and $B \rightarrow \eta$ decays and determination of $ V_{ub} $. <i>Physical Review D</i> , 2005 , 72,	4-9	27
662	Measurements of the decays $B^0 \rightarrow D^0\pi^+\pi^-$, $B^0 \rightarrow D^0\pi^0\pi^0$, $B^0 \rightarrow D^0\pi^+\pi^0$, and $B^0 \rightarrow D^0\pi^0\pi^0$. <i>Physical Review D</i> , 2006 , 74,	4-9	27
661	Search for strange-pentaquark production in e^+e^- annihilation at $\sqrt{s} = 10.58$ GeV. <i>Physical Review Letters</i> , 2005 , 95, 042002	7-4	27
660	Measurement of prompt and nonprompt $[B]$ production in $[B]$ and $[B]$ collisions at $[B]$. <i>European Physical Journal C</i> , 2017 , 77, 269	4-2	26
659	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
658	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
657	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
656	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
655	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
654	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

653	Measurement of semileptonic B decays into orbitally excited charmed mesons. <i>Physical Review Letters</i> , 2009 , 103, 051803	7.4	26
652	Measurements of the B_c mass and the mass difference of the B_c^+ and B_c^0 at BABAR. <i>Physical Review D</i> , 2009 , 80,	4.9	26
651	Measurements of neutral B decay branching fractions to KS_0^0 final states and the charge asymmetry of $B^0 \rightarrow K^{*+} \pi^-$. <i>Physical Review D</i> , 2006 , 73,	4.9	26
650	Observation of the decay $B^0 \rightarrow \eta \pi^0$ and measurement of the branching fraction and polarization. <i>Physical Review D</i> , 2004 , 69,	4.9	26
649	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
648	Measurement of branching fractions and charge asymmetries for exclusive B decays to charmonium. <i>Physical Review Letters</i> , 2005 , 94, 141801	7.4	26
647	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
646	Measurement of the W-boson helicity in top-quark decays from $(\overline{\text{t}})$ 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
645	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
644	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
643	Search for resonant $(\overline{\text{t}})$ 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
642	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
641	Analysis of the $D^+ \rightarrow K^0 e^+ \pi^0$ decay channel. <i>Physical Review D</i> , 2011 , 83,	4.9	25
640	Study of hadronic transitions between B_c states and observation of $(4S) \rightarrow (1S)$ decay. <i>Physical Review D</i> , 2008 , 78,	4.9	25
639	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
638	Study of the decay $D_s^+ \rightarrow K^+ K^0 \pi^0$. <i>Physical Review D</i> , 2008 , 78,	4.9	25
637	Testing explanations of the $B \rightarrow K^* \pi^0$ polarization puzzle. <i>Physical Review D</i> , 2007 , 76,	4.9	25
636	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

635	Measurement of the $B^0 \rightarrow D^* D_s^{*+}$ and $D_s^{*+} \rightarrow \mu^+ \nu_\mu$ branching fractions. <i>Physical Review D</i> , 2005 , 71,	4.9	25
634	Measurement of the direct CP asymmetry in $b \rightarrow s$ gamma Decays. <i>Physical Review Letters</i> , 2004 , 93, 021804	4.9	25
633	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
632	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
631	Search for $B^+ \rightarrow K^+ \mu^+ \mu^-$ at the BaBar Experiment. <i>Physical Review Letters</i> , 2017 , 118, 031802	7.4	24
630	Search for charged Higgs bosons in the $H \rightarrow \mu\mu$ decay channel in proton-proton collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	24
629	Constraints on the pMSSM, AMSB model and on other models from the search for long-lived charged particles in proton-proton collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2015 , 75, 325	4.2	24
628	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
627	Measurement of inclusive jet production and nuclear modifications in pPb collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2016 , 76, 372	4.2	24
626	Jet and underlying event properties as a function of charged-particle multiplicity in proton-proton collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2013 , 73, 2674	4.2	24
625	Measurement of the $Z/\mu + b$ -jet cross section in pp collisions at ($\sqrt{s} = 7$) TeV. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	24
624	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
623	Search for CP violation in the decay $B \rightarrow K_S^0(D^0)\mu^+\mu^-$ <i>Physical Review D</i> , 2012 , 85,	4.9	24
622	Search for the standard model Higgs boson in the $H \rightarrow ZZ \rightarrow 2\mu$ channel in pp collisions at ($\sqrt{s} = 7$) TeV. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	24
621	Measurement of the absolute branching fractions for $D_s \rightarrow \mu^+ \mu^-$ and extraction of the decay constant f_{D_s} . <i>Physical Review D</i> , 2010 , 82,	4.9	24
620	Search for lepton-number violating processes in $B^+ \rightarrow h^+ \mu^+ \mu^-$ decays. <i>Physical Review D</i> , 2012 , 85,	4.9	24
619	Measurement of time dependent CP asymmetry parameters in B^0 meson decays to K_S^0 , K_L^0 , and $\mu^+ K_S^0$. <i>Physical Review D</i> , 2009 , 79,	4.9	24
618	Measurement of the $B \rightarrow \mu^+ \mu^-$ branching fraction and a search for a second-class current in the $B \rightarrow \mu^+ \mu^- (958)$ decay. <i>Physical Review D</i> , 2008 , 77,	4.9	24

617	Measurement of the branching fraction, polarization, and CP asymmetries in $B^0 \rightarrow \rho^0 \rho^0$ decay, and implications for the CKM angle β . <i>Physical Review D</i> , 2008 , 78,	4.9	24
616	Amplitude analysis of the $B^{+/-} \rightarrow \rho^{+/-} \pi^0$ decay. <i>Physical Review Letters</i> , 2007 , 99, 201802	7.4	24
615	Amplitude analysis of the decay $D^0 \rightarrow K^+ K^-$. <i>Physical Review D</i> , 2007 , 76,	4.9	24
614	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
613	Measurement of the $B^0 \rightarrow K^{*0} \rho^0$ and $B^+ \rightarrow K^{*+} \rho^0$ branching fractions. <i>Physical Review D</i> , 2004 , 70,	4.9	24
612	Search for the decay $B^0 \rightarrow \rho^0 \pi^0$. <i>Physical Review D</i> , 2004 , 69,	4.9	24
611	Measurement of the branching fraction for inclusive semileptonic B meson decays. <i>Physical Review D</i> , 2003 , 67,	4.9	24
610	Measurement of B^0 - \bar{B}^0 flavor oscillations in hadronic B^0 decays. <i>Physical Review Letters</i> , 2002 , 88, 221802	4.9	24
609	Search for disappearing tracks as a signature of new long-lived particles in proton-proton collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	24
608	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
607	Search for CP violation in neutral D meson Cabibbo-suppressed three-body decays. <i>Physical Review D</i> , 2008 , 78,	4.9	23
606	Measurements of branching fraction, polarization, and charge asymmetry of $B^{+/-} \rightarrow \rho^{+/-} \rho^0$ and a search for $B^{+/-} \rightarrow \rho^{+/-} f_0(980)$. <i>Physical Review Letters</i> , 2006 , 97, 261801	7.4	23
605	Measurement of the total width, the electronic width, and the mass of the $\psi(10580)$ resonance. <i>Physical Review D</i> , 2005 , 72,	4.9	23
604	Measurements of the branching fractions of charged B decays to $K^+ K^-$ final states. <i>Physical Review D</i> , 2004 , 70,	4.9	23
603	Study of the rare decays $B^0 \rightarrow D^{(*)+} \rho^0 \pi^-$ and $B^0 \rightarrow D^{(*)-} \rho^0 \pi^+$. <i>Physical Review Letters</i> , 2003 , 90, 181803	4.9	23
602	Measurement of time-dependent CP-violating asymmetries and constraints on $\sin(2\beta)$ with partial reconstruction of $B \rightarrow D^* \rho^0$ decays. <i>Physical Review D</i> , 2005 , 71,	4.9	23
601	Search for the rare decays $B \rightarrow K l^+ l^-$ and $B \rightarrow K^* l^+ l^-$. <i>Physical Review Letters</i> , 2002 , 88, 241801	7.4	23
600	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

599	Evidence for associated production of a Higgs boson with a top quark pair in final states with electrons, muons, and hadronically decaying [leptons] at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	23
598	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
597	Search for a new scalar resonance decaying to a pair of Z bosons in proton-proton collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	22
596	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
595	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
594	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
593	Search for $b \rightarrow u$ transitions in $B \rightarrow DK$ and $D^* K$ decays. <i>Physical Review D</i> , 2010 , 82,	4.9	22
592	Measurement and interpretation of moments in inclusive semileptonic decays $B \rightarrow X c \ell$. <i>Physical Review D</i> , 2010 , 81,	4.9	22
591	Evidence for the $h_b(1P)$ meson in the decay $(B_S) \rightarrow 0 h_b(1P)$. <i>Physical Review D</i> , 2011 , 84,	4.9	22
590	Measurements of $B \rightarrow \{\pi, \eta, \eta', \dots\} \ln_{\ell}$ branching fractions and determination of $ V_{ub} $ with semileptonically tagged B mesons. <i>Physical Review Letters</i> , 2008 , 101, 081801	7.4	22
589	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
588	Measurement of the time-dependent CP-violating asymmetry in $B^0 \rightarrow K_S^0 \pi^0$ decays. <i>Physical Review D</i> , 2005 , 72,	4.9	22
587	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
586	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
585	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
584	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
583	Correlations between jets and charged particles in PbPb and pp collisions at ($\sqrt{s_{\text{NN}}}=2.76$) TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	21
582	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

581	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
580	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
579	Measurement of the ($\bar{t}t$) production cross section in the $\bar{t}t$ jets channel in pp collisions at (\sqrt{s})=7 TeV. <i>European Physical Journal C</i> , 2013 , 73, 1	4.2	21
578	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
577	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
576	Search for a Higgs boson in the decay channel $H \rightarrow ZZ^{(*)} \rightarrow q(\bar{q}) \mu\mu$ in pp collisions at (\sqrt{s}) = 7 TeV. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	21
575	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
574	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
573	Exclusive production of $D_s^+ D_s^-$, $D_s^{*+} D_s^-$ and $D_s^{*+} D_s^{*-}$ via $e^+ e^-$ annihilation with initial-state radiation. <i>Physical Review D</i> , 2010 , 82,	4.9	21
572	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
571	Amplitude analysis of $B^0 \rightarrow K^+ \bar{K}^0$ and evidence of direct CP violation in $B \rightarrow K^* \bar{K}$ decays. <i>Physical Review D</i> , 2011 , 83,	4.9	21
570	Search for the decay modes $B_{\bar{c}} \rightarrow h \bar{c}$. <i>Physical Review D</i> , 2012 , 86,	4.9	21
569	Observation and polarization measurements of $B^{+/-} \rightarrow \phi K^{1+/-}$ and $B^{+/-} \rightarrow \phi K^{2*+/-}$. <i>Physical Review Letters</i> , 2008 , 101, 161801	7.4	21
568	Observation of $B;{0} \rightarrow K;{*0} K[\over]{*0}$ and Search for $B;{0} \rightarrow K;{*0} K;{*0}$. <i>Physical Review Letters</i> , 2008 , 100, 081801	7.4	21
567	Production and decay of Ω_{cc} . <i>Physical Review Letters</i> , 2007 , 99, 062001	7.4	21
566	Observation of CP violation in $B \rightarrow \eta' K^0$ decays. <i>Physical Review Letters</i> , 2007 , 98, 031801	7.4	21
565	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
564	Measurement of transverse momentum relative to dijet systems in PbPb and pp collisions at ($\sqrt{s_{\text{NN}}}$)=2.76 TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	21

563	Search for supersymmetry in proton-proton collisions at 13 TeV in final states with jets and missing transverse momentum. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	21
562	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
561	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
560	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
559	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
558	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
557	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
556	Search for the rare decay $B \rightarrow K \pi$. <i>Physical Review D</i> , 2010 , 82,	4.9	20
555	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
554	Measurement of the $B \rightarrow D^{(*)} D^{(*)} K$ branching fractions. <i>Physical Review D</i> , 2011 , 83,	4.9	20
553	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
552	Searches for the decays $B^0 \rightarrow l \bar{l} \pi$ and $B^+ \rightarrow l^+ \bar{l} \pi$ using hadronic tag reconstruction. <i>Physical Review D</i> , 2008 , 77,	4.9	20
551	Evidence for CP violation in $B^0 \rightarrow J/\psi \pi^0$ decays. <i>Physical Review Letters</i> , 2008 , 101, 021801	7.4	20
550	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
549	Determinations of $ V_{ub} $ from inclusive semileptonic decays with reduced model dependence. <i>Physical Review Letters</i> , 2006 , 96, 221801	7.4	20
548	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
547	Measurement of the branching fraction and time-dependent CP asymmetry in the decay $B^0 \rightarrow D^+ D^{*-} s^0$. <i>Physical Review D</i> , 2006 , 74,	4.9	20
546	Measurements of the $B \rightarrow D^*$ form factors using the decay $B \rightarrow D^* + e \bar{e}$. <i>Physical Review D</i> , 2006 , 74,	4.9	20

545	Measurement of branching fractions of color-suppressed decays of the B_0 meson to $D^{(*)}00$, $D^{(*)}00D^{(*)}00$ and $D00$. <i>Physical Review D</i> , 2004 , 69,	4.9	20
544	Search for $D00D00$ mixing using semileptonic decay modes. <i>Physical Review D</i> , 2004 , 70,	4.9	20
543	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
542	Measurements of the branching fraction and CP-violation asymmetries in $B_0 \rightarrow f_0(980)K_0S$. <i>Physical Review Letters</i> , 2005 , 94, 041802	7.4	20
541	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
540	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
539	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
538	Search for a heavy right-handed W boson and a heavy neutrino in events with two same-flavor leptons and two jets at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	20
537	Search for the flavor-changing neutral current interactions of the top quark and the Higgs boson which decays into a pair of b quarks at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	20
536	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
535	Search for Long-Lived Particles in $e^+ e^-$ Collisions. <i>Physical Review Letters</i> , 2015 , 114, 171801	7.4	19
534	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
533	Search for resonant and nonresonant Higgs boson pair production in the ($\overline{b} b \ell \nu \ell \nu$) final state in proton-proton collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	19
532	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
531	Measurement of exclusive photoproduction from protons in Pb collisions at. <i>European Physical Journal C</i> , 2019 , 79, 277	4.2	19
530	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
529	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
528	Search for third-generation scalar leptoquarks in the $t\bar{t}$ channel in proton-proton collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	19

527	Search for CP violation in B0-B0 mixing using partial reconstruction of B0->D*- X0 and a kaon tag. <i>Physical Review Letters</i> , 2013 , 111, 101802	7.4	19
526	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
525	Test of lepton universality in (1S) decays at BABAR. <i>Physical Review Letters</i> , 2010 , 104, 191801	7.4	19
524	Search for CP violation in the decay D0->KS0. <i>Physical Review D</i> , 2011 , 83,	4.9	19
523	Initial-state radiation measurement of the e+e->mu+mu- cross section. <i>Physical Review D</i> , 2012 , 85,	4.9	19
522	Search for the decay D0-> and measurement of the branching fraction for D0->00. <i>Physical Review D</i> , 2012 , 85,	4.9	19
521	Measurement of time-dependent CP asymmetry in B0->KS00 decays. <i>Physical Review D</i> , 2008 , 78,	4.9	19
520	Study of B-meson decays to B(*)K(*), B(2S)K(*), and B(*)K(*). <i>Physical Review D</i> , 2008 , 78,	4.9	19
519	Measurement of CP-violating asymmetries in B0->D*(+/-)D(-/+). <i>Physical Review Letters</i> , 2007 , 99, 071801.	7.4	19
518	Search for b->u transitions in B0->D0K and B0->D*0K. <i>Physical Review D</i> , 2005 , 72,	4.9	19
517	Measurement of the branching fraction and the CP-violating asymmetry for the decay B0->KS00. <i>Physical Review D</i> , 2005 , 71,	4.9	19
516	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
515	Measurement of the B0-B-0 oscillation frequency with inclusive dilepton events. <i>Physical Review Letters</i> , 2002 , 88, 221803	7.4	19
514	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
513	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
512	Search for lepton flavour violating decays of the Higgs boson to and e in proton-proton collisions at (sqrt{s}=13) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	19
511	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
510	Study of Z production in PbPb and pp collisions at (sqrt{s_{mathrm{NN}}}=2.76) TeV in the dimuon and dielectron decay channels. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	18

509	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
508	Search for heavy neutrinos and third-generation leptoquarks in hadronic states of two τ leptons and two jets in proton-proton collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	18
507	. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	18
506	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
505	Search for heavy neutrinos or third-generation leptoquarks in final states with two hadronically decaying τ 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
504	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
503	Measurement of the semileptonic decays $B \rightarrow D \tau \nu$ and $B \rightarrow D^* \tau \nu$. <i>Physical Review D</i> , 2009 , 79,	4.9	18
502	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
501	Dalitz plot analysis of $D^0 \rightarrow K^+ K^- K^+ K^-$. <i>Physical Review D</i> , 2005 , 72,	4.9	18
500	Measurement of time-dependent CP asymmetries in $B^0 \rightarrow D^{(*)} \tau \nu$ and $B^0 \rightarrow D \tau \nu$ decays. <i>Physical Review D</i> , 2006 , 73,	4.9	18
499	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
498	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
497	Measurement of the cross section for top quark pair production in association with a W or Z boson in proton-proton collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	18
496	Search for ($\overline{\text{H}} \rightarrow \text{b} \overline{\text{b}}$) production in the ($\text{H} \rightarrow \text{b} \overline{\text{b}}$) decay channel with leptonic ($\overline{\text{H}} \rightarrow \text{t} \overline{\text{t}}$) decays in proton-proton collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	17
495	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
494	Measurement of the inclusive jet cross section in pp collisions at ($\sqrt{s} = 2.76, \text{text {TeV}}$). <i>European Physical Journal C</i> , 2016 , 76, 1	4.2	17
493	Search for ($\overline{\text{H}} \rightarrow \text{t} \overline{\text{t}}$) 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
492	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

491	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
490	Search for stopped long-lived particles produced in pp collisions at ($\sqrt{s} = \{ \text{7TeV} \}$). <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	17
489	Observation and study of the baryonic B-meson decays $B \rightarrow D^{(*)} p \bar{p}$. <i>Physical Review D</i> , 2012 , 85,	4.9	17
488	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
487	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
486	Observation of $\bar{B}(1S)$ and $\bar{B}(2S)$ decays to $K+K\pi\pi$ in two-photon interactions. <i>Physical Review D</i> , 2011 , 84,	4.9	17
485	Study of high-multiplicity three-prong and five-prong \bar{B} decays at BABAR. <i>Physical Review D</i> , 2012 , 86,	4.9	17
484	Measurement of the spin of the omega(-) hyperon. <i>Physical Review Letters</i> , 2006 , 97, 112001	7.4	17
483	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
482	Search for the rare decay $B \rightarrow \pi l^+ l^-$. <i>Physical Review Letters</i> , 2007 , 99, 051801	7.4	17
481	Measurement of $\cos 2\beta$ in $B_{(0)} \rightarrow D_{(0)}^{(*)} h_{(0)}$ 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
480	Measurements of branching fractions in $B \rightarrow \bar{K}^* K$ and $B \rightarrow \bar{K}^* \pi$ and search for direct CP violation in $B \bar{K} \rightarrow \bar{K} \pi$. <i>Physical Review D</i> , 2004 , 69,	4.9	17
479	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
478	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
477	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
476	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
475	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
474	Search for a very light NMSSM Higgs boson produced in decays of the 125 GeV scalar boson and decaying into τ leptons in pp collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	16

473	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
472	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
471	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
470	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
469	Measurement of branching fractions and charge asymmetries in B^+ decays to $\eta \pi^+$, ηK^+ , $\eta \rho^+$, and $\eta' \pi^+$, and search for B^0 decays to ηK^0 and $\eta \omega$. <i>Physical Review Letters</i> , 2005 , 95, 131803	7.4	16
468	Direct CP violation searches in charmless hadronic B meson decays. <i>Physical Review D</i> , 2002 , 65,	4.9	16
467	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
466	Search for a charged Higgs boson decaying to charm and bottom quarks in proton-proton collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	16
465	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
464	Measurements of ($\overline{\sigma}(\text{t})$) differential cross sections in proton-proton collisions at ($\sqrt{s}=13$) TeV using events containing two leptons. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	15
463	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
462	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
461	Search for new particles decaying to a jet and an emerging jet. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	15
460	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
459	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
458	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
457	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
456	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

455	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
454	Measurement of the decay $B(-) \rightarrow D^{(*)}e(-)\nu_{\text{e}}$. <i>Physical Review Letters</i> , 2008 , 100, 231803	7.4	15
453	Measurements of partial branching fractions for $B \rightarrow X\ell\nu$ and determination of $ V_{ub} $. <i>Physical Review Letters</i> , 2008 , 100, 171802	7.4	15
452	Observation of $B \rightarrow a_1(1260)K_0$ and $B_0 \rightarrow a_1(1260)K^+$. <i>Physical Review Letters</i> , 2008 , 100, 051803	7.4	15
451	Observation of tree-level B decays with ss production from gluon radiation. <i>Physical Review Letters</i> , 2008 , 100, 171803	7.4	15
450	Search for lepton flavor violating decays $\tau_{+/-} \rightarrow l_{+/-}\omega$. <i>Physical Review Letters</i> , 2008 , 100, 071802	7.4	15
449	Inclusive \bar{b} production in e^+e^- annihilations at $s=10.54$ GeV and in $\Upsilon(4S)$ decays. <i>Physical Review D</i> , 2007 , 75,	4.9	15
448	Observation of B Meson decays to $b_1\pi$ and b_1K . <i>Physical Review Letters</i> , 2007 , 99, 241803	7.4	15
447	Measurement of $B \rightarrow D^{(*)}0K \rightarrow 0$ branching fractions. <i>Physical Review D</i> , 2006 , 74,	4.9	15
446	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
445	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
444	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
443	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
442	Search for heavy Majorana neutrinos in same-sign dilepton channels in proton-proton collisions at $(\sqrt{s}=13)$ TeV. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	14
441	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
440	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
439	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
438	Measurement of the $(\overline{\text{t}})$ 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

437	Measurement of the $(\overline{\text{t}}\text{t})$ 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
436	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
435	Search for charged lepton flavor violation in narrow upilon decays. <i>Physical Review Letters</i> , 2010 , 104, 151802	7.4	14
434	Measurements of time-dependent CP asymmetries in $B_0 \rightarrow D^{(*)} + D^{(*)}$ decays. <i>Physical Review D</i> , 2009 , 79,	4.9	14
433	Model-independent search for the decay $B^+ \rightarrow l^+ \pi^0$. <i>Physical Review D</i> , 2009 , 80,	4.9	14
432	Observation of B meson decays to K^* and improved measurements for \bar{B} and B_0 . <i>Physical Review D</i> , 2009 , 79,	4.9	14
431	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
430	B meson decays to charmless meson pairs containing \bar{B} or B mesons. <i>Physical Review D</i> , 2009 , 80,	4.9	14
429	Search for the rare leptonic decays $B^+ \rightarrow l^+ \pi^0 (l=e, \mu)$. <i>Physical Review D</i> , 2009 , 79,	4.9	14
428	Study of the baryonic B decay $B \rightarrow \bar{p} + p$. <i>Physical Review D</i> , 2012 , 86,	4.9	14
427	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
426	Search for decays of B_0 mesons into $e^+ e^- \pi^0 \pi^0$ and $e^+ e^- \eta$ final states. <i>Physical Review D</i> , 2008 , 77,	4.9	14
425	Branching fraction and CP-violation charge asymmetry measurements for B-meson decays to K^0 , \bar{K}^0 , K^* , \bar{K}^* , and η . <i>Physical Review D</i> , 2007 , 76,	4.9	14
424	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
423	Search for $B^+ \rightarrow \pi^+ \eta$ and $B_0 \rightarrow \pi^0 \eta$ decays. <i>Physical Review D</i> , 2006 , 74,	4.9	14
422	B meson decays to K^* , $\pi^0 \pi^0$, and B_0 . <i>Physical Review D</i> , 2006 , 74,	4.9	14
421	Search for flavor-changing neutral current and Lepton-flavor violating decays of $D_0 \rightarrow l^+ l^-$. <i>Physical Review Letters</i> , 2004 , 93, 191801	7.4	14
420	Measurement of $B_0 \rightarrow D_s^{(*)} + D^{*}$ branching fractions and $B_0 \rightarrow D_s^{*+} + D^{*}$ polarization with a partial reconstruction technique. <i>Physical Review D</i> , 2003 , 67,	4.9	14

419	Search for the rare leptonic decay $B \rightarrow \tau \nu_\tau$. <i>Physical Review Letters</i> , 2005 , 95, 041804	7.4	14
418	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
417	Search for new phenomena in final states with two opposite-charge, same-flavor leptons, jets, and missing transverse momentum in pp collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	14
416	Search for an exotic decay of the Higgs boson to a pair of light pseudoscalars in the final state of two muons and two leptons in proton-proton collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	14
415	Measurements of the differential jet cross section as a function of the jet mass in dijet events from proton-proton collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	14
414	Search for supersymmetry in events with a lepton pair 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	14
413	Observation of proton-tagged, central (semi)exclusive production of high-mass lepton pairs in pp collisions at 13 TeV with the CMS-TOTEM precision proton spectrometer. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	14
412	Search for resonant ($\overline{\text{t}}\text{t}$) production in proton-proton collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	13
411	Study of CP asymmetry in $B^0\text{-}B^0$ mixing with inclusive dilepton events. <i>Physical Review Letters</i> , 2015 , 114, 081801	7.4	13
410	Measurement of the ratio of the production cross sections times branching fractions of $B \rightarrow J/\psi \mu^+\mu^-$ and $B \rightarrow J/\psi \mu^+\mu^-$ and $(\text{mathcal{B}}\{\text{B}\}\{\text{left}\}\{\{\text{mathrm{B}}\}_{\{\text{mathrm{C}}\}}^{\{\text{pm}}\}}\text{to}\ \text{mathrm{J}}\}/\psi\{\text{pi}\}^{\{\text{pm}}\}\{\text{pi}\}^{\{\text{pm}}\}\{\text{pi}\}^{\{\text{mp}}\}}\text{right})/\text{mathrm{mathcal{B}}}\{\text{B}\}\{\text{left}\}\{\{\text{mathrm{B}}\}_{\{\text{mathrm{C}}\}}^{\{\text{pm}}\}}\text{to}\ \text{mathrm{J}}\}/\psi\{\text{pi}\}^{\{\text{pm}}\}\{\text{pi}\}^{\{\text{pm}}\}}\text{right})$ in pp collisions at ($\sqrt{s}=7$) TeV. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	13
409	New features in the JHU generator framework: Constraining Higgs boson properties from on-shell and off-shell production. <i>Physical Review D</i> , 2020 , 102,	4.9	13
408	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
407	Forward-backward asymmetry of Drell-Yan lepton pairs in pp collisions at [Formula: see text][Formula: see text]. <i>European Physical Journal C</i> , 2016 , 76, 325	4.2	13
406	Measurement of exclusive ϕ photoproduction in ultraperipheral pPb collisions at. <i>European Physical Journal C</i> , 2019 , 79, 702	4.2	13
405	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
404	Probing color coherence effects in pp collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2014 , 74, 2901	4.2	13
403	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
402	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

401	Measurement of the mass difference between top and antitop quarks. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	13
400	Branching fraction measurement of $B \rightarrow \mu\mu$ decays. <i>Physical Review D</i> , 2013 , 87,	4.9	13
399	Measurement of branching fractions of B decays to $K_1(1270)$ and $K_1(1400)$ and determination of the CKM angle β from $B_0 \rightarrow a_1(1260)\mu\mu$. <i>Physical Review D</i> , 2010 , 81,	4.9	13
398	Searches for the baryon- and lepton-number violating decays $B_0 \rightarrow \mu^+ \mu^- B_s^0$ and $B_s^0 \rightarrow \mu\mu$. <i>Physical Review D</i> , 2011 , 83,	4.9	13
397	Observation of the rare decay $B \rightarrow K^* K^0$ and measurement of the quasi-two-body contributions $B \rightarrow K^*(892) K^0$, $B \rightarrow f_0(980) K^+$, and $B \rightarrow \rho^0 K^+$. <i>Physical Review D</i> , 2011 , 84,	4.9	13
396	Improved limits on B_0 decays to invisible ($\mu\mu$) final states. <i>Physical Review D</i> , 2012 , 86,	4.9	13
395	Measurement of the spin of the $\Upsilon(1530)$ resonance. <i>Physical Review D</i> , 2008 , 78,	4.9	13
394	Search for $B_0 \rightarrow \mu^+ \mu^-$ decays with large $K^+ \mu^-$ invariant mass. <i>Physical Review D</i> , 2007 , 76,	4.9	13
393	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
392	Study of the $B \rightarrow 3h^+ h^- \mu^+ \mu^-$ decay. <i>Physical Review D</i> , 2005 , 72,	4.9	13
391	Measurement of the ratio $B(B \rightarrow D^* K^0) / B(B \rightarrow D^* 0)$ and of the CP asymmetry of $B \rightarrow DCP^+ K^0$ decays. <i>Physical Review D</i> , 2005 , 71,	4.9	13
390	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
389	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
388	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
387	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
386	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
385	Measurement of D_s^+ and D_s^{*+} production in B meson decays and from continuum e^+e^- annihilation at $\sqrt{s}=10.6$ GeV. <i>Physical Review D</i> , 2002 , 65,	4.9	13
384	Measurement of $(\frac{d\sigma}{d^3p})$ 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

383	Decomposing transverse momentum balance contributions for quenched jets in PbPb collisions at ($\sqrt{s_{\mathrm{N};\mathrm{N}}}=2.76$) TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5-4	13
382	Search for ($\overline{\mathrm{t}}\mathrm{H}$) 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
381	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
380	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
379	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
378	Measurement of normalized differential ($\overline{\mathrm{t}}\mathrm{t}$) 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
377	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
376	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
375	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
374	Search for third-generation leptoquarks and scalar bottom quarks in pp collisions at ($\sqrt{s}=7$;TeV). <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5-4	12
373	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
372	Study of radiative bottomonium transitions using converted photons. <i>Physical Review D</i> , 2011 , 84,	4-9	12
371	Search for the decay $B^+ \rightarrow K_S^0 K_S^0 \mu^+$. <i>Physical Review D</i> , 2009 , 79,	4-9	12
370	Study of $(B_S, 2S) \rightarrow (1S)$ and $(B_S, 2S) \rightarrow \mu^+ (1S)$ hadronic transitions. <i>Physical Review D</i> , 2011 , 84,	4-9	12
369	Search for CP violation using T-odd correlations in $D^+ \rightarrow K^+ K_S^0 \mu^+$ and $D_s^+ \rightarrow K^+ K_S^0 \mu^+$ decays. <i>Physical Review D</i> , 2011 , 84,	4-9	12
368	Search for the highly suppressed decays $B^0 \rightarrow K^+ \mu^-$ and $B^0 \rightarrow K^0 \mu^+$. <i>Physical Review D</i> , 2008 , 78,	4-9	12
367	Evidence for charged B meson decays to $a_{1\pm}(1260)\pi^0$ and $a_{1(0)}(1260)\pi^{\pm}$. <i>Physical Review Letters</i> , 2007 , 99, 261801	7-4	12
366	Search for the Decay $B^+ \rightarrow K^+ \tau^+ \mu^-$. <i>Physical Review Letters</i> , 2007 , 99, 201801	7-4	12

365	Measurement of the $B^0 \rightarrow D^{*+} \pi^-$ decay rate and $ V_{cb} $. <i>Physical Review D</i> , 2005 , 71,	4.9	12
364	Measurement of CP observables for the decays $B^{\pm} \rightarrow DCP^0 K^{*\mp}$. <i>Physical Review D</i> , 2005 , 72,	4.9	12
363	Study of the decay $B^0 \rightarrow D^{*+} \pi^-$. <i>Physical Review D</i> , 2006 , 74,	4.9	12
362	Searches for B^0 decays to K^0 , π^0 , η , and η' . <i>Physical Review D</i> , 2006 , 74,	4.9	12
361	Branching fraction limits for B^0 decays to $\eta \pi^0$ and η . <i>Physical Review D</i> , 2006 , 73,	4.9	12
360	Search for the decay $B^+ \rightarrow \eta \pi^0$. <i>Physical Review D</i> , 2006 , 73,	4.9	12
359	Search for the decay $B^0 \rightarrow a_1 \eta$. <i>Physical Review D</i> , 2006 , 74,	4.9	12
358	Measurement of CP observables for the decays $B^{\pm} \rightarrow DCP^0 K^{\mp}$. <i>Physical Review D</i> , 2006 , 73,	4.9	12
357	Measurement of time-dependent CP asymmetries in $B^0 \rightarrow D^{(*)+} \pi^-$ decays and constraints on $\sin(2\beta + \gamma)$. <i>Physical Review Letters</i> , 2004 , 92, 251801	7.4	12
356	Measurements of branching fractions and CP-violating asymmetries in B meson decays to charmless two-body states containing a $K(0)$. <i>Physical Review Letters</i> , 2004 , 92, 201802	7.4	12
355	Measurement of time-dependent CP asymmetries and constraints on $\sin(2\beta + \gamma)$ with partial reconstruction of $B^0 \rightarrow D^{*+} \pi^-$ decays. <i>Physical Review Letters</i> , 2004 , 92, 251802	7.4	12
354	Measurement of the branching fraction of $\Gamma(4S) \rightarrow B^0 B^0$. <i>Physical Review Letters</i> , 2005 , 95, 042001	7.4	12
353	Branching fraction and CP asymmetries of $B^0 \rightarrow K^0(S) K^0(S) K^0(S)$. <i>Physical Review Letters</i> , 2005 , 95, 011801	7.4	12
352	Search for decays of $B^0 \rightarrow e^+ e^-$, $B^0 \rightarrow \mu^+ \mu^-$, $B^0 \rightarrow e^+ \mu^-$. <i>Physical Review Letters</i> , 2005 , 94, 221803	7.4	12
351	Searches for pair production of charginos and top squarks in final states with two oppositely charged leptons in proton-proton collisions at $(\sqrt{s} = 13)$ TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	12
350	Studies of η and mesons including the observation of the decay in proton-proton collisions at. <i>European Physical Journal C</i> , 2018 , 78, 939	4.2	12
349	Electroweak production of two jets in association with a Z boson in proton-proton collisions at $(\sqrt{s} = 13)$ TeV. <i>European Physical Journal C</i> , 2018 , 78, 1	4.2	12
348	Search for single production of vector-like quarks decaying to a b quark and a Higgs boson. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	12

347	Search for new physics in the monophoton final state in proton-proton collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5-4	11
346	Search for a heavy Higgs boson decaying to a pair of W bosons in proton-proton collisions at (\sqrt{s}) = 13 TeV. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5-4	11
345	Measurement of associated Z + charm production in proton-proton collisions at. <i>European Physical Journal C</i> , 2018 , 78, 287	4-2	11
344	Phenomenological MSSM interpretation of CMS searches in pp collisions at ($\sqrt{s}=7$) and 8 TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5-4	11
343	Measurement of jet multiplicity distributions in [Formula: see text] production in pp collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2014 , 74, 3014	4-2	11
342	Measurements of differential production cross sections for a Z boson in association with jets in pp collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5-4	11
341	Search for electroweak production of charginos and neutralinos in WH events in proton-proton collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5-4	11
340	Search for new physics with dijet angular distributions in proton-proton collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5-4	11
339	Search for supersymmetry in the vector-boson fusion topology in proton-proton collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5-4	11
338	Measurement of the underlying event activity in pp collisions at ($\sqrt{s} = 0.9$) and 7 TeV with the novel jet-area/median approach. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5-4	11
337	Measurement of the semileptonic branching fraction of the Bs meson. <i>Physical Review D</i> , 2012 , 85,	4-9	11
336	Forward energy flow, central charged-particle multiplicities, and pseudorapidity gaps in W and Z boson events from pp collisions at ($\sqrt{s}=7$) TeV. <i>European Physical Journal C</i> , 2012 , 72, 1	4-2	11
335	Search for the standard model Higgs boson in the $H \rightarrow ZZ \rightarrow 4\ell$ decay channel in pp collisions at ($\sqrt{s} = \{7\}; \{\text{TeV}\}$). <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5-4	11
334	Measurement of CP-violating asymmetries in $B^0 \rightarrow \ell\ell$ decays using a time-dependent Dalitz plot analysis. <i>Physical Review D</i> , 2013 , 88,	4-9	11
333	Search for $b \rightarrow u$ transitions in $B_{\text{c}} \rightarrow [K^* \ell \ell] D K_{\text{c}}$ decays. <i>Physical Review D</i> , 2011 , 84,	4-9	11
332	Branching fraction measurements of the color-suppressed decays B_{c}^0 to $D^{(*)} \ell \ell$, $D^{(*)} \ell \ell D^{(*)} \ell \ell$ and $D^{(*)} \ell \ell$ and measurement of the polarization in the decay $B_{\text{c}}^0 \rightarrow D^{*0} \ell \ell$ <i>Physical Review D</i> , 2011 , 84,	4-9	11
331	Measurement of the branching fraction and ρ polarization in $B^0 \rightarrow \rho^0 \rho^0$ <i>Physical Review D</i> , 2009 , 79,	4-9	11
330	Search for $B \rightarrow K^* \ell \ell$ decays. <i>Physical Review D</i> , 2008 , 78,	4-9	11

329	Measurement of the branching fractions of the radiative charm decays $D^0 \rightarrow K^*0\gamma$ and $D^0 \rightarrow \pi^0\gamma$. <i>Physical Review D</i> , 2008 , 78,	4.9	11
328	Measurements of the branching fractions of $B^0 \rightarrow K^*0K^+K^-$, $B^0 \rightarrow K^*0\pi^+K^-$, $B^0 \rightarrow K^*0K^+\pi^-$ and $B^0 \rightarrow K^*0\pi^0\pi^0$. <i>Physical Review D</i> , 2007 , 76,	4.9	11
327	Measurement of the $B_{\text{CP}}^0 \rightarrow \pi^0\pi^0$ branching fraction and direct CP asymmetry. <i>Physical Review D</i> , 2007 , 75,	4.9	11
326	Branching fraction and charge asymmetry measurements in $B \rightarrow J/\psi$ decays. <i>Physical Review D</i> , 2007 , 76,	4.9	11
325	Evidence for $B(0) \rightarrow \rho(0)\rho(0)$ decays and implications for the Cabibbo-Kobayashi-Maskawa angle α . <i>Physical Review Letters</i> , 2007 , 98, 111801	7.4	11
324	Measurement of the branching ratios $(D_s^{*+} \rightarrow D_s^+\pi^0)/(D_s^{*+} \rightarrow D_s^+\eta)$ and $(D^{*0} \rightarrow D^0\pi^0)/(D^{*0} \rightarrow D^0\eta)$. <i>Physical Review D</i> , 2005 , 72,	4.9	11
323	Measurement of the branching fraction for $B_{\text{CP}}^0 \rightarrow \pi^0 K_S^0$. <i>Physical Review D</i> , 2004 , 69,	4.9	11
322	Searches for B^0 decays to combinations of two charmless isoscalar mesons. <i>Physical Review Letters</i> , 2004 , 93, 181806	7.4	11
321	Measurement of the $B^0 \rightarrow J/\psi\pi^+\pi^-$ branching fraction. <i>Physical Review Letters</i> , 2003 , 90, 091801	7.4	11
320	Search for radiative penguin decays $B(+) \rightarrow \rho(+)\gamma$, $B(0) \rightarrow \rho(0)\gamma$, and $B(0) \rightarrow \omega\gamma$. <i>Physical Review Letters</i> , 2005 , 94, 011801	7.4	11
319	Search for factorization-suppressed $B \rightarrow \chi(c)K^*$ decays. <i>Physical Review Letters</i> , 2005 , 94, 171801	7.4	11
318	Measurements of differential Z boson production cross sections in proton-proton collisions at (\sqrt{s}) = 13 TeV. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	11
317	Charged-particle nuclear modification factors in XeXe collisions at ($\sqrt{s_{\text{NN}}}$) = 5.44 TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	11
316	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
315	Search for the decay of a Higgs boson in the $\tau\tau$ channel in proton-proton collisions at (\sqrt{s}) = 13 TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	11
314	Search for beyond the standard model Higgs bosons decaying into a ($\text{b}\overline{\text{b}}$) pair in pp collisions at (\sqrt{s}) = 13 TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	11
313	Measurements of the pp \rightarrow WZ inclusive and differential production cross sections and constraints on charged anomalous triple gauge couplings at (\sqrt{s}) = 13 TeV. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	10
312	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

311	Measurement of the transverse momentum spectrum of the Higgs boson produced in pp collisions at ($\sqrt{s}=8$) TeV using $H \rightarrow WW$ decays. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	10
310	Search for excited leptons in proton-proton collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	10
309	Measurement of the hadronic activity in events with a Z and two jets and extraction of the cross section for the electroweak production of a Z with two jets in pp collisions at ($\sqrt{s}=7$) TeV. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	10
308	Search for physics beyond the standard model in events with leptons, jets, and large transverse momentum imbalance in pp collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2013 , 73, 2493 ^{4.2}	4.2	10
307	Measurements of jet charge with dijet events in pp collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	10
306	Search for associated production of a Z boson with a single top quark and for tZ flavour-changing interactions in pp collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	10
305	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
304	First Observation of CP Violation in $B[\text{over } \bar{D}] \rightarrow D_{CP}^{(*)} h^0$ Decays by a Combined Time-Dependent Analysis of BABAR and Belle Data. <i>Physical Review Letters</i> , 2015 , 115, 121604	7.4	10
303	Search for new physics with long-lived particles decaying to photons and missing energy in pp collisions at ($\sqrt{s}=7$) TeV. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	10
302	Publisher's Note: Search for di-muon decays of a low-mass Higgs boson in radiative decays of the $\Upsilon(1S)$ [Phys. Rev. D 87, 031102(R) (2013)]. <i>Physical Review D</i> , 2013 , 87,	4.9	10
301	Search for supersymmetry in events with a lepton, a photon, and large missing transverse energy in pp collisions at ($\sqrt{s}=7$) TeV. <i>Journal of High Energy Physics</i> , 2011 , 2011, 1	5.4	10
300	Measurement of the mass and width of the $D_{s1}(2536)^+$ meson. <i>Physical Review D</i> , 2011 , 83,	4.9	10
299	Improved limits on lepton-flavor-violating tau decays to $l\phi$, $l\rho$, lK , and $l\bar{K}$. <i>Physical Review Letters</i> , 2009 , 103, 021801	7.4	10
298	Constraints on the CKM angle γ in $B^0 \rightarrow D^0 K^0$ and $B^0 \rightarrow D^0 \bar{K}^0$ from a Dalitz analysis of D^0 and D^0 decays to KS . <i>Physical Review D</i> , 2009 , 79,	4.9	10
297	Measurement of the branching fractions of the rare decays $B^0 \rightarrow D_{s^*}^+ \pi^-$ and $B^0 \rightarrow D_{s^*}^+ K^-$. <i>Physical Review D</i> , 2008 , 78,	4.9	10
296	Improved measurement of CP observables in $B^0 \rightarrow D^0 K^0$ decays. <i>Physical Review D</i> , 2008 , 77,	4.9	10
295	Observation of $e^+e^- \rightarrow \mu^+\mu^-$ near $s=10.58$ GeV. <i>Physical Review D</i> , 2008 , 78,	4.9	10
294	Observation of $B^+ \rightarrow b_1^+ K^0$ and search for B-meson decays to $b_1^0 K^0$ and b_1^0 . <i>Physical Review D</i> , 2008 , 78,	4.9	10

293	Search for neutral B-meson decays to $a_0\pi^0 K^0$, π^0 , and π^0 . <i>Physical Review D</i> , 2007 , 75,	4.9	10
292	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
291	Evidence for the decay $B_{\pi^0} \rightarrow K^* \pi^0$. <i>Physical Review D</i> , 2005 , 71,	4.9	10
290	Measurement of the $D^+ \rightarrow \pi^0$ and $D^+ \rightarrow K^0$ branching fractions. <i>Physical Review D</i> , 2006 , 74,	4.9	10
289	Branching fraction measurements of charged B decays to K^*+K+K^0 , $K^*+\pi^0 K^0$, $K^*+K+\pi^0$ and $K^*+\pi^0$ final states. <i>Physical Review D</i> , 2006 , 74,	4.9	10
288	Measurements of the branching fraction and time-dependent CP asymmetries of $B_0 \rightarrow J/\psi$ decays. <i>Physical Review D</i> , 2006 , 74,	4.9	10
287	Measurements of CP-violating asymmetries and branching fractions in B decays to K^0 and π^0 . <i>Physical Review D</i> , 2006 , 74,	4.9	10
286	Measurement of branching fractions in radiative B decays to K^0 and search for B decays to $\pi^0 K^0$. <i>Physical Review D</i> , 2006 , 74,	4.9	10
285	Search for the charmed pentaquark candidate $\Theta(3100)^0$ in e^+e^- annihilations at $\sqrt{s}=10.58$ GeV. <i>Physical Review D</i> , 2006 , 73,	4.9	10
284	Study of high momentum η' production in $B \rightarrow \eta' X$ s. <i>Physical Review Letters</i> , 2004 , 93, 061801	7.4	10
283	Search for B_0 decays to invisible final states and to $\nu\bar{\nu}$. <i>Physical Review Letters</i> , 2004 , 93, 091802	7.4	10
282	Measurement of the branching fractions and CP asymmetry of $B \rightarrow D^{(*)} K$ decays with the BABAR detector. <i>Physical Review Letters</i> , 2004 , 92, 202002	7.4	10
281	Simultaneous measurement of the B_0 meson lifetime and mixing frequency with $B_0 \rightarrow D^{(*)} \pi^0$ decays. <i>Physical Review D</i> , 2003 , 67,	4.9	10
280	Study of CP-violating asymmetries in $B_0 \rightarrow \pi^0 K^0$ decays. <i>Physical Review D</i> , 2002 , 65,	4.9	10
279	Measurement of the $B(0)$ lifetime with partially reconstructed $B(0) \rightarrow D^{(*)} l^+ \nu(l)$ decays. <i>Physical Review Letters</i> , 2002 , 89, 011802	7.4	10
278	Search for the associated production of a Higgs boson with a single top quark in proton-proton collisions at $(\sqrt{s}=8)$ TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	10
277	Search for resonant pair production of Higgs bosons decaying to bottom quark-antiquark pairs in proton-proton collisions at 13 TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	10
276	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

275	Search for new physics in final states with a single photon and missing transverse momentum in proton-proton collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5-4	9
274	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
273	Azimuthal decorrelation of jets widely separated in rapidity in pp collisions at ($\sqrt{s}=7$) TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5-4	9
272	Measurement of b hadron lifetimes in pp collisions at. <i>European Physical Journal C</i> , 2018 , 78, 457	4-2	9
271	Search for top quark partners with charge 5/3 in the same-sign dilepton and single-lepton final states in proton-proton collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5-4	9
270	Search for associated production of dark matter with a Higgs boson decaying to ($\overline{\text{b}}\text{b}$) or $\overline{\text{t}}\text{t}$ ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5-4	9
269	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
268	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
267	Search for CP violation in the decays $D_{\text{fl}}^{\pm} \rightarrow K_S^0 K_{\text{fl}}^{\pm}$, $D_s^{\pm} \rightarrow K_S^0 K_{\text{fl}}^{\pm}$, and $D_s^{\pm} \rightarrow K_S^0 \pi^{\pm}$. <i>Physical Review D</i> , 2013 , 87,	4-9	9
266	B-meson decays to $\overline{D}^0 \pi^0$, and $\overline{D}^0 K^*$. <i>Physical Review D</i> , 2010 , 82,	4-9	9
265	Search for second-class currents in $\tau_{\text{fl}} \rightarrow \omega \pi_{\text{fl}} \nu_{\tau}$. <i>Physical Review Letters</i> , 2009 , 103, 041802	7-4	9
264	Measurement of the $B^+ \rightarrow \overline{D}^0 \pi^+$ and $B^+ \rightarrow \overline{D}^0 \pi^0$ branching fractions. <i>Physical Review D</i> , 2009 , 79,	4-9	9
263	Search for Lepton Flavor Violating Decays $B \rightarrow K_S^0 \mu \tau$ with the BABAR Experiment. <i>Physical Review D</i> , 2009 , 79,	4-9	9
262	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
261	Measurements of branching fractions for $B^+ \rightarrow \overline{D}^0 \pi^+$ and $B^0 \rightarrow \overline{D}^0 \pi^0$. <i>Physical Review D</i> , 2008 , 78,	4-9	9
260	Observation of $B^+ \rightarrow \overline{D}^0 \pi^+$ and search for B^0 decays to $\overline{D}^0 \pi^0$, $\overline{D}^0 \pi^+$, and $\overline{D}^0 \pi^-$. <i>Physical Review D</i> , 2008 , 78,	4-9	9
259	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
258	Search for the decay $B^+ \rightarrow K_S^0(892) K^+$. <i>Physical Review D</i> , 2007 , 76,	4-9	9

257	Measurement of the relative branching fractions of $B^- \rightarrow D/D^*/D^{**} \ell^-$ decays in events with a fully reconstructed B meson. <i>Physical Review D</i> , 2007 , 76,	4.9	9
256	Branching fraction measurement of $B^0 \rightarrow D^{(*)+} \ell^-$ and $B^0 \rightarrow D^{(*)0} \ell^-$ and isospin analysis of $B^0 \rightarrow D^{(*)0} \ell^-$ decays. <i>Physical Review D</i> , 2007 , 75,	4.9	9
255	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
254	Observation of decays $B^0 \rightarrow D_s^{(*)+} \pi^-$ and $B^0 \rightarrow D_s^{(*)-} K^+$. <i>Physical Review Letters</i> , 2007 , 98, 081801	7.4	9
253	Search for the decay $B^0 \rightarrow 4\pi^0(\eta)$ <i>Physical Review D</i> , 2005 , 72,	4.9	9
252	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
251	Branching fraction measurements of $B \rightarrow \bar{B} K$ decays. <i>Physical Review D</i> , 2004 , 70,	4.9	9
250	Search for the decay $B^0 \rightarrow J/\psi$ <i>Physical Review D</i> , 2004 , 70,	4.9	9
249	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
248	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
247	Production and decay of $\chi(c)0$ at BABAR. <i>Physical Review Letters</i> , 2005 , 95, 142003	7.4	9
246	Search for anomalous triple gauge couplings in WW and WZ production in lepton + jet events in proton-proton collisions at $(\sqrt{s}) = 13$ TeV. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	9
245	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
244	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
243	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
242	Search for a singly produced third-generation scalar leptoquark decaying to a [lepton and a bottom quark in proton-proton collisions at $(\sqrt{s}=13)$ TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	9
241	Extraction of form Factors from a Four-Dimensional Angular Analysis of $B \rightarrow D^{(*)} \ell^+ \ell^-$ <i>Physical Review Letters</i> , 2019 , 123, 091801	7.4	8
240	Search for supersymmetry with a compressed mass spectrum in the vector boson fusion topology with 1-lepton and 0-lepton final states in proton-proton collisions at $(\sqrt{s}) = 13$ TeV. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	8

239	Search for contact interactions and large extra dimensions in the dilepton mass spectra from proton-proton collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	8
238	Measurement of inclusive and differential Higgs boson production cross sections in the diphoton decay channel in proton-proton collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	8
237	Measurement of top quark pair production in association with a Z boson in proton-proton collisions at (\sqrt{s}) = 13 TeV. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	8
236	Comparing transverse momentum balance of b jet pairs in pp and PbPb collisions at ($\sqrt{s_{\text{NN}}}=5.02$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	8
235	Observation of $B \rightarrow D^{(*)} \ell^{+} \ell^{-} \ell^{+} \ell^{-}$ Decays in $e^{+} e^{-}$ Collisions at the $\Upsilon(4S)$ Resonance. <i>Physical Review Letters</i> , 2016 , 116, 041801	7.4	8
234	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
233	Search for dark matter produced in association with a single top quark or a top quark pair in proton-proton collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	8
232	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
231	Measurement of the top quark mass using single top quark events in proton-proton collisions at $\sqrt{s}=7$ TeV. <i>European Physical Journal C</i> , 2017 , 77, 354	4.2	8
230	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
229	Measurement of the $B \rightarrow \mu \mu$ branching fraction with semileptonically tagged B mesons. <i>Physical Review D</i> , 2013 , 88,	4.9	8
228	Search for the rare decays $B \rightarrow \mu \mu$ and $B_0 \rightarrow \mu \mu$ <i>Physical Review D</i> , 2013 , 88,	4.9	8
227	Study of dipion bottomonium transitions and search for the $h_b(1P)$ state. <i>Physical Review D</i> , 2011 , 84,	4.9	8
226	Branching fraction of $B \rightarrow K_s^0 K_s^0(\pi^0)$ decays. <i>Physical Review D</i> , 2012 , 86,	4.9	8
225	Search for resonances decaying to $\mu \mu$ in two-photon interactions. <i>Physical Review D</i> , 2012 , 86,	4.9	8
224	Measurement of CP violation observables and parameters for the decays $B_{\text{c}} \rightarrow DK^* \mu$. <i>Physical Review D</i> , 2009 , 80,	4.9	8
223	Measurement of the absolute branching fraction of $D_0 \rightarrow K \pi^+$. <i>Physical Review Letters</i> , 2008 , 100, 051802	7.4	8
222	Searches for B meson decays to $\text{p} \bar{\text{p}} \pi^0$, $\text{p} \bar{\text{p}} \rho^0$, $\text{p} \bar{\text{p}} f_{\text{f}}(980)$, and $f_{\text{f}}(980) f_{\text{f}}(980)$ final states. <i>Physical Review Letters</i> , 2008 , 101, 201801	7.4	8

221	Search for the reactions $e^+e^- \rightarrow \mu^+\mu^-$ and $e^+e^- \rightarrow e^+\mu^-$ <i>Physical Review D</i> , 2007 , 75,	4.9	8
220	Observation of e^+e^- annihilation into the $C = +1$ hadronic final states $\rho(0)\rho(0)$ and $\phi\rho(0)$. <i>Physical Review Letters</i> , 2006 , 97, 112002	7.4	8
219	Measurement of the absolute branching fractions $B \rightarrow D^0 D^{*0}$ with a missing mass method. <i>Physical Review D</i> , 2006 , 74,	4.9	8
218	Measurement of the Time-Dependent CP Asymmetry in $B_s^0 \rightarrow D_{CP}^{*0} h^0$ Decays. <i>Physical Review Letters</i> , 2007 , 99, 081801	7.4	8
217	Study of $b \rightarrow c$ interference in the decay $B \rightarrow [K^+ D^0] K^0$ <i>Physical Review D</i> , 2005 , 72,	4.9	8
216	Search for $B \rightarrow J/\psi D$ decays. <i>Physical Review D</i> , 2005 , 71,	4.9	8
215	Measurement of the ratio $B(B^+ \rightarrow X e^+) / B(B^0 \rightarrow X e^0)$ <i>Physical Review D</i> , 2006 , 74,	4.9	8
214	Observation of the exclusive reaction $e^+e^- \rightarrow \mu^+\mu^-$ at $s=10.58$ GeV. <i>Physical Review D</i> , 2006 , 74,	4.9	8
213	Measurement of the branching fraction and polarization for the decay $B^0 \rightarrow D^0 K^0$. <i>Physical Review Letters</i> , 2004 , 92, 141801	7.4	8
212	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
211	Search for physics beyond the standard model in multilepton final states in proton-proton collisions at $(\sqrt{s}) = 13$ TeV. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	8
210	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
209	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
208	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
207	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
206	Search for rare decays of and Higgs bosons to and a photon in proton-proton collisions at $= 13$. <i>European Physical Journal C</i> , 2019 , 79, 94	4.2	7
205	Search for a Stable Six-Quark State at BABAR. <i>Physical Review Letters</i> , 2019 , 122, 072002	7.4	7
204	Search for production of Higgs boson pairs in the four b quark final state using large-area jets in proton-proton collisions at $(\sqrt{s}=13)$ TeV. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	7

203	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
202	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
201	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
200	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
199	Jet properties in PbPb and pp collisions at $(\sqrt{s_{\text{N};\text{N}}}=5.02)$ TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5-4	7
198	Measurement of the semileptonic $(\text{t}\overline{\text{t}}) + \text{t}\overline{\text{t}}\text{b}$ production cross section in pp collisions at $(\sqrt{s}=8)$ TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5-4	7
197	Searches for W' 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
196	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
195	Measurement of the $Z\text{t}$ 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
194	Search for direct CP violation in singly Cabibbo-suppressed $D\text{t}\rightarrow\text{K}^+\text{K}\text{t}$ decays. <i>Physical Review D</i> , 2013 , 87,	4-9	7
193	Measurement of the mass of the D_0 meson. <i>Physical Review D</i> , 2013 , 88,	4-9	7
192	Measurements of branching fractions, polarizations, and direct CP-violation asymmetries in $B\text{t}\rightarrow\text{K}^+\text{K}^+$ and $B\text{t}\rightarrow\text{f}_0(980)\text{K}^+\text{K}^+$ decays. <i>Physical Review D</i> , 2011 , 83,	4-9	7
191	Observation of the decay $B\text{t}\rightarrow\text{D}(s)(\text{t})^+\text{K}^-\text{t}$. <i>Physical Review Letters</i> , 2011 , 107, 041804	7-4	7
190	Time-dependent Dalitz plot analysis of $B_0\text{t}\rightarrow\text{D}^+\text{K}_0\text{t}$ decays. <i>Physical Review D</i> , 2008 , 77,	4-9	7
189	Measurement of ratios of branching fractions and CP-violating asymmetries of $B\text{t}\rightarrow\text{D}^+\text{K}\text{t}$ decays. <i>Physical Review D</i> , 2008 , 78,	4-9	7
188	Observation of $B\text{t}\rightarrow\text{t}\text{K}_0$ and measurement of its branching fraction and charge asymmetry. <i>Physical Review D</i> , 2007 , 76,	4-9	7
187	Improved measurement of time-dependent CP asymmetries and the CP-odd fraction in the decay $B_0\text{t}\rightarrow\text{D}^+\text{D}^+\text{t}$. <i>Physical Review D</i> , 2007 , 76,	4-9	7
186	Measurement of B decays to tK . <i>Physical Review D</i> , 2007 , 75,	4-9	7

185	Measurements of \bar{b} + branching fractions of Cabibbo-suppressed decay modes involving \bar{b} and \bar{D} . <i>Physical Review D</i> , 2007 , 75,	4.9	7
184	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
183	Observation of $B \rightarrow \eta' K^*$ and evidence for $B \rightarrow \eta' \rho^+$. <i>Physical Review Letters</i> , 2007 , 98, 051802	7.4	7
182	Search for the W-exchange decays $B_0 \rightarrow D_s^{(*)} D_s^{(*)+}$. <i>Physical Review D</i> , 2005 , 72,	4.9	7
181	Precise branching ratio measurements of the decays $D_0 \rightarrow \pi\pi$ and $D_0 \rightarrow K\pi\pi$ relative to the $D_0 \rightarrow K\pi\pi$ decay. <i>Physical Review D</i> , 2006 , 74,	4.9	7
180	Search for rare quark-annihilation decays, $B \rightarrow D_s^{(*)} \pi$. <i>Physical Review D</i> , 2006 , 73,	4.9	7
179	Search for the decay of a B_0 or B_D meson to $K\pi^0 K^0$ or $K^* K^0 \pi^0$. <i>Physical Review D</i> , 2006 , 74,	4.9	7
178	Search for the radiative decays $B \rightarrow \rho\gamma$ and $B \rightarrow \omega\gamma$. <i>Physical Review Letters</i> , 2004 , 92, 111801	7.4	7
177	Measurement of time-dependent CP asymmetries in $B_0 \rightarrow D^{(*)+} D^{*-}$ decays. <i>Physical Review Letters</i> , 2005 , 95, 131802	7.4	7
176	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
175	Search for dark photons in decays of Higgs bosons produced in association with Z bosons in proton-proton collisions at $(\sqrt{s}) = 13$ TeV. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	7
174	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
173	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
172	Search for resonances in the mass spectrum of muon pairs produced in association with b quark jets in proton-proton collisions at $(\sqrt{s}) = 8$ and 13 TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	7
171	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
170	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
169	Search for dark matter produced in association with a Higgs boson decaying to $\ell\bar{\nu} \ell\bar{\nu}$ at $(\sqrt{s}) = 13$ TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	7
168	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

167	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
166	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
165	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
164	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
163	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
162	Measurement of dijet azimuthal decorrelation in pp collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2016 , 76, 536	4.2	6
161	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
160	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
159	B_0 meson decays to D^*K^* , f_0K^* , and K^{*+} , including higher K^* resonances. <i>Physical Review D</i> , 2012 , 85,	4.9	6
158	Search for $f_0(2220)$ in radiative J/ψ decays. <i>Physical Review Letters</i> , 2010 , 105, 172001	7.4	6
157	Observation of the rare decay $B_0 \rightarrow KS_0K_S^0$. <i>Physical Review D</i> , 2010 , 82,	4.9	6
156	Observation of the decay $B^0 \rightarrow \bar{p}p$. <i>Physical Review D</i> , 2010 , 82,	4.9	6
155	Search for B-meson decays to b_1 and b_1K^* . <i>Physical Review D</i> , 2009 , 80,	4.9	6
154	Observation of $B_0 \rightarrow \bar{0}K^*$ and evidence for $B^+ \rightarrow \bar{0}K^+$. <i>Physical Review D</i> , 2008 , 78,	4.9	6
153	Study of B meson decays with excited eta and eta' mesons. <i>Physical Review Letters</i> , 2008 , 101, 091801	7.4	6
152	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
151	Search for the radiative decay $B_0 \rightarrow \gamma$. <i>Physical Review D</i> , 2005 , 72,	4.9	6
150	Measurement of the $B^0 \rightarrow D^0 K^*$ branching fraction. <i>Physical Review D</i> , 2006 , 73,	4.9	6

149	Search for the associated production of the Higgs boson with a top-quark pair 2014 , 2014, 1		6
148	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
147	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
146	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
145	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
144	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
143	Search for top squarks decaying via four-body or chargino-mediated modes in single-lepton final states in proton-proton collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5-4	6
142	Search for a heavy resonance decaying into a Z boson and a vector boson in the (ν $\overline{\nu}$) final state. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5-4	6
141	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
140	Search for supersymmetry in final states with photons and missing transverse momentum in proton-proton collisions at 13 TeV. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5-4	5
139	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
138	Comparison of the $Z/\gamma^* + \text{jets}$ to $\gamma^* + \text{jets}$ cross sections in pp collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5-4	5
137	Evidence for $B^+ \rightarrow K^* K^0$. <i>Physical Review D</i> , 2009 , 79,	4-9	5
136	Measurements of branching fractions and CP asymmetries and studies of angular distributions for $B \rightarrow \gamma K$ decays. <i>Physical Review D</i> , 2011 , 84,	4-9	5
135	Search for the rare charmless hadronic decay $B^+ \rightarrow \pi^0 \pi^+$. <i>Physical Review D</i> , 2008 , 77,	4-9	5
134	Measurement of CP asymmetries in $B^0 \rightarrow K_S^0 K_S^0$ decays. <i>Physical Review D</i> , 2007 , 76,	4-9	5
133	Search for the rare decays $B^+ \rightarrow D^{(*)} K_S^0$. <i>Physical Review D</i> , 2005 , 72,	4-9	5
132	Measurements of B meson decays to K^* and π <i>Physical Review D</i> , 2005 , 71,	4-9	5

131	Search for the rare decays $B_0 \rightarrow D_s^{(*)} + a_0(2)$ <i>Physical Review D</i> , 2006 , 73,	4.9	5
130	Search for the rare leptonic decay $B_{+/-} \rightarrow \mu^{+/-} \nu(\mu)$. <i>Physical Review Letters</i> , 2004 , 92, 221803	7.4	5
129	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
128	Measurement of the B_0 meson lifetime with partial reconstruction of $B_0 \rightarrow D^{*0}$ and $B_0 \rightarrow D^{*+}$ decays. <i>Physical Review D</i> , 2003 , 67,	4.9	5
127	Measurement of the branching fractions for $(\overline{B}_s) \rightarrow e^+ e^-$ and $(\overline{B}_s) \rightarrow \mu^+ \mu^-$ <i>Physical Review D</i> , 2001 , 65,	4.9	5
126	Study of $B_{\pm} \rightarrow J/\psi$ and $B_{\pm} \rightarrow J/\psi K_{\pm}$ decays: Measurement of the ratio of branching fractions and search for direct CP-violating charge asymmetries. <i>Physical Review D</i> , 2002 , 65,	4.9	5
125	Measurement of energy flow at large pseudorapidities in pp collisions at ($\sqrt{s} = 0.9$) and 7 TeV 2011 , 2011, 1		5
124	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
123	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
122	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
121	Search for resonances decaying to a pair of Higgs bosons in the $b(\overline{\text{b}})q(\overline{\text{q}})$ final state in proton-proton collisions at ($\sqrt{s} = 13$ TeV). <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	5
120	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
119	Measurement of the groomed jet mass in PbPb and pp collisions at ($\sqrt{s_{\text{NN}}} = 5.02$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	5
118	Measurement of the production cross section for single top quarks in association with W bosons in proton-proton collisions at ($\sqrt{s} = 13$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	5
117	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
116	Search for a low-mass χ resonance in association with a bottom quark in proton-proton collisions at ($\sqrt{s} = 13$ TeV). <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	4
115	Search for the pair production of light top squarks in the $e\chi$ final state in proton-proton collisions at ($\sqrt{s} = 13$) TeV. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	4
114	Search for nonresonant Higgs boson pair production in the ($\text{b}\overline{\text{b}}\text{b}\overline{\text{b}}$) final state at ($\sqrt{s} = 13$ TeV). <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	4

113	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
112	Observation of the Decay $D^0 \rightarrow K^+ \bar{K}^0 e^+ e^-$. <i>Physical Review Letters</i> , 2019 , 122, 081802	7.4	4
111	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
110	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
109	Measurements of the Absolute Branching Fractions of $B^0 \rightarrow K^0 X_{cc}$. <i>Physical Review Letters</i> , 2020 , 124, 152001	7.4	4
108	Evidence for $(W)W$ production from double-parton interactions in proton-proton collisions at $(\sqrt{s} = 13, \text{TeV})$. <i>European Physical Journal C</i> , 2020 , 80, 1	4.2	4
107	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
106	Pseudorapidity distributions of charged hadrons in proton-lead collisions at $(\sqrt{s_{NN}} = 5.02)$ and 8.16 TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	4
105	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
104	Search for a W' boson decaying to a vector-like quark and a top or bottom quark in the all-jets final state. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	4
103	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
102	Search for high-mass Z' resonances in e^+e^- and $q\bar{q}$ 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
101	Search for CP violation in (\bar{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
100	Search for B^+ meson decay to $a_1(1260)K^*(892)$. <i>Physical Review D</i> , 2010 , 82,	4.9	4
99	Observation of inclusive $D^* \bar{D}$ production in the decay of $(\Upsilon(1S))$. <i>Physical Review D</i> , 2010 , 81,	4.9	4
98	Observation and polarization measurement of $B^0 \rightarrow a_1(1260) + a_1(1260) \bar{D}$ decay. <i>Physical Review D</i> , 2009 , 80,	4.9	4
97	Observation of the baryonic B-decay $B^0 \rightarrow \bar{D} + p \bar{K}^0$. <i>Physical Review D</i> , 2009 , 80,	4.9	4
96	Search for the decay $B^0 \rightarrow \bar{D}$ <i>Physical Review D</i> , 2011 , 83,	4.9	4

95	Measurement of the mass difference $m(B^0) - m(B^+)$. <i>Physical Review D</i> , 2008 , 78,	4.9	4
94	Search for $B^0 \rightarrow K^* + K^*$. <i>Physical Review D</i> , 2008 , 78,	4.9	4
93	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
92	Observation of $B^+ \rightarrow \phi \pi^+ K^+$ 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
91	Search for $b \rightarrow u$ transitions in $B \rightarrow [K^0] DK$. <i>Physical Review D</i> , 2007 , 76,	4.9	4
90	Evidence for the Rare Decay $B^+ \rightarrow D_s^+ \pi^0$. <i>Physical Review Letters</i> , 2007 , 98,	7.4	4
89	Search for the decay $B \rightarrow 3\pi$. <i>Physical Review D</i> , 2006 , 73,	4.9	4
88	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
87	Measurement of differential cross sections and charge ratios for t -channel single top quark production in proton-proton collisions at. <i>European Physical Journal C</i> , 2020 , 80, 370	4.2	4
86	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
85	First Evidence for $\cos 2\theta$ and Resolution of the Cabibbo-Kobayashi-Maskawa Quark-Mixing Unitarity Triangle Ambiguity. <i>Physical Review Letters</i> , 2018 , 121, 261801	7.4	4
84	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
83	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
82	Search for the associated production of the Higgs boson and a vector boson in proton-proton collisions at $(\sqrt{s}) = 13$ TeV via Higgs boson decays to leptons. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	3
81	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
80	Measurement of the inclusive $(\overline{\text{lepton}})$ 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
79	Search for ZZ resonances in the 2μ final state in proton-proton collisions at 13 TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	3
78	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

77	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
76	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
75	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
74	Study of the decay $B_{(c)} \rightarrow \overline{b} + p \overline{K}_S^0$ and its intermediate states. <i>Physical Review D</i> , 2013 , 87,	4-9	3
73	Publisher's Note: Spin determination of single-produced resonances at hadron colliders [Phys. Rev. D 81, 075022 (2010)]. <i>Physical Review D</i> , 2010 , 81,	4-9	3
72	Measurement of partial branching fractions of inclusive charmless B meson decays to K^+ , K^0 , and \overline{K}^0 . <i>Physical Review D</i> , 2011 , 83,	4-9	3
71	Search for B^0 meson decays to $\overline{D}^0 K_S^0$, $\overline{K}^0 K_S^0$, and $\overline{K}^0 \overline{K}^0$. <i>Physical Review D</i> , 2009 , 80,	4-9	3
70	Measurement of the time-dependent CP asymmetry of partially reconstructed $B^0 \rightarrow D^* + D^{*\overline{c}}$ decays. <i>Physical Review D</i> , 2012 , 86,	4-9	3
69	Search for the decay modes $D^0 \rightarrow e^+ e^- D^0 \rightarrow \overline{K}^0$ and $D^0 \rightarrow e \overline{K}^0$. <i>Physical Review D</i> , 2012 , 86,	4-9	3
68	Measurement of the branching fraction and decay rate asymmetry of $B \rightarrow D \overline{K}^0$. <i>Physical Review D</i> , 2005 , 72,	4-9	3
67	Search for the decay $B^0 \rightarrow K_S^0 K_S^0 K_L^0$. <i>Physical Review D</i> , 2006 , 74,	4-9	3
66	Search for B meson decays to $\overline{K}^0 K$. <i>Physical Review D</i> , 2006 , 74,	4-9	3
65	Measurement of the branching fraction for $B \rightarrow D^0 K^*$. <i>Physical Review D</i> , 2004 , 69,	4-9	3
64	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
63	Measurements of the ($\text{pp} \rightarrow \text{Z} \text{Z}$) production cross section and the ($\text{Z} \rightarrow 4\ell$) branching fraction, and constraints on anomalous triple gauge couplings at ($\sqrt{s} = 13, \text{TeV}$) 2018 , 78, 1		3
62	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
61	Measurement of the ($\overline{t} t$) production cross section in the dilepton channel in pp collisions at ($\sqrt{s} = 8$ TeV) 2014 , 2014, 1		3
60	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

59	Measurements of Higgs boson production cross sections and couplings in the diphoton decay channel at (\sqrt{s}) = 13 TeV. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5-4	3
58	Event shape variables measured using multijet final states in proton-proton collisions at (\sqrt{s} =13) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5-4	3
57	Search for lepton-flavor violating decays of heavy resonances and quantum black holes to e $\bar{\nu}$ final states in proton-proton collisions at (\sqrt{s} =13) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5-4	3
56	Search for charged Higgs bosons produced in vector boson fusion processes and decaying into vector boson pairs in proton-proton collisions at. <i>European Physical Journal C</i> , 2021 , 81, 723	4-2	3
55	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
54	Search for supersymmetry in events with a photon, a lepton, and missing transverse momentum in proton-proton collisions at (\sqrt{s} = 13) TeV. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5-4	2
53	Search for Rare or Forbidden Decays of the D ⁰ Meson. <i>Physical Review Letters</i> , 2020 , 124, 071802	7-4	2
52	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) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5-4	2
51	Measurement of differential cross sections in the kinematic angular variable θ^* for inclusive Z boson production in pp collisions at (\sqrt{s} =8) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5-4	2
50	Search for dark matter particles in proton-proton collisions at (\sqrt{s} =8) TeV using the razor variables. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5-4	2
49	Search for W \rightarrow tb in proton-proton collisions at (\sqrt{s} =8) TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5-4	2
48	Search for the production of an excited bottom quark decaying to tW in proton-proton collisions at (\sqrt{s} =8) TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5-4	2
47	Inclusive search for supersymmetry in pp collisions at (\sqrt{s} =13) TeV using razor variables and boosted object identification in zero and one lepton final states. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5-4	2
46	Search for excited leptons in final states in proton-proton collisions at (\sqrt{s} =13) TeV. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5-4	2
45	Measurements of the pp \rightarrow W and pp \rightarrow Z cross sections and limits on anomalous quartic gauge couplings at (\sqrt{s} =8) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5-4	2
44	Search for new phenomena with multiple charged leptons in proton-proton collisions at (\sqrt{s} =13) (TeV). <i>European Physical Journal C</i> , 2017 , 77, 1	4-2	2
43	Correlated leading baryon-antibaryon production in e \bar{e} \rightarrow cc \rightarrow b \bar{b} . <i>Physical Review D</i> , 2010 , 82,	4-9	2
42	Search for B \rightarrow D+K ⁰ and B \rightarrow D+K ^{*0} decays. <i>Physical Review D</i> , 2010 , 82,	4-9	2

41	Observation of the baryonic B decay $B \rightarrow \bar{c} + K$ <i>Physical Review D</i> , 2011 , 84,	4.9	2
40	Measurement of $B \rightarrow X \gamma$ decays and determination of $ V_{td}/V_{ts} $. <i>Physical Review Letters</i> , 2009 , 102, 161803	7.4	2
39	Publisher's Note: Study of radiative bottomonium transitions using converted photons [Phys. Rev. DPRVDAQ1550-7998 84, 072002 (2011)]. <i>Physical Review D</i> , 2011 , 84,	4.9	2
38	Publisher's Note: Erratum: Measurement of Branching Fractions and Mass Spectra of $B \rightarrow K$ [Phys. Rev. Lett. 98, 211804 (2007)] [Phys. Rev. Lett. 100, 189903 (2008)]. <i>Physical Review Letters</i> , 2008 , 100,	7.4	2
37	Search for prompt production of \bar{c} and $X(3872)$ in e^+e^- annihilations. <i>Physical Review D</i> , 2007 , 76,	4.9	2
36	Measurements of neutral B decay branching fractions to KS_0 final states. <i>Physical Review D</i> , 2004 , 70,	4.9	2
35	Measurement of $\sin 2\beta$ with hadronic and previously unused muonic J/ψ decays. <i>Physical Review D</i> , 2004 , 69,	4.9	2
34	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
33	Search for supersymmetry using Higgs boson to diphoton decays at $(\sqrt{s}) = 13$ TeV. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	2
32	Study of central exclusive production in proton-proton collisions at and 13TeV. <i>European Physical Journal C</i> , 2020 , 80, 718	4.2	2
31	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
30	Search for the production of four top quarks in the single-lepton and opposite-sign dilepton final states in proton-proton collisions at $(\sqrt{s}) = 13$ TeV. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	2
29	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
28	Measurement of the $D^{*+}(2010) \rightarrow D^+ \pi^0$ Mass Difference. <i>Physical Review Letters</i> , 2017 , 119, 202003	7.4	1
27	Search for $B \rightarrow \bar{c} + X$ decays in events with a fully reconstructed B meson. <i>Physical Review D</i> , 2012 , 85,	4.9	1
26	Search for the rare decay $B \rightarrow D^* \pi$ <i>Physical Review D</i> , 2005 , 72,	4.9	1
25	Measurement of the average π multiplicity in B meson decay. <i>Physical Review D</i> , 2004 , 69,	4.9	1
24	Study of the $(\text{B}^+ \rightarrow \text{J}/\psi \text{ overline{\Lambda} p})$ decay in proton-proton collisions at $(\sqrt{s}) = 8$ TeV. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	1

23	Development and validation of HERWIG7 tunes from CMS underlying-event measurements. <i>European Physical Journal C</i> , 2021 , 81, 312	4.2	1
22	Measurements of triple-differential cross sections for inclusive isolated-photon+jet events in collisions at. <i>European Physical Journal C</i> , 2019 , 79, 969	4.2	1
21	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
20	Azimuthal separation in nearly back-to-back jet topologies in inclusive 2- and 3-jet events in collisions at. <i>European Physical Journal C</i> , 2019 , 79, 773	4.2	0
19	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
18	Search for a heavy vector resonance decaying to a Υ boson and a Higgs boson in proton-proton collisions at. <i>European Physical Journal C</i> , 2021 , 81, 688	4.2	0
17	Measurements of angular distance and momentum ratio distributions in three-jet and + two-jet final states in collisions. <i>European Physical Journal C</i> , 2021 , 81, 852	4.2	0
16	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
15	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
14	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
13	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
12	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
11	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
10	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
9	Measurement and QCD analysis of double-differential inclusive jet cross sections in proton-proton collisions at $\sqrt{s} = 13$ TeV. <i>Journal of High Energy Physics</i> , 2022 , 2022, 1	5.4	0
8	Search for electroweak production of charginos and neutralinos in proton-proton collisions at $\sqrt{s} = 13$ TeV. <i>Journal of High Energy Physics</i> , 2022 , 2022, 1	5.4	0
7	Search for natural supersymmetry in events with top quark pairs and photons in pp collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	
6	Search for neutral color-octet weak-triplet scalar particles in proton-proton collisions at ($\sqrt{s}=8$) TeV. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	

- 5 On the spin and parity of a single-produced resonance at the LHC. *EPJ Web of Conferences*, **2013**, 49, 18010 0.3
- 4 Measurement of $\sin(2\beta)$ at BaBar. *Nuclear Physics, Section B, Proceedings Supplements*, **2003**, 120, 91-96
- 3 Search for Darkonium in e^+e^- Collisions.. *Physical Review Letters*, **2022**, 128, 021802 7.4
- 2 Study of dijet events with large rapidity separation in proton-proton collisions at $\sqrt{s} = 2.76$ TeV. *Journal of High Energy Physics*, **2022**, 2022, 1 5.4
- 1 Measurement of the inclusive $\overline{\text{t}}\text{t}$ production cross section in proton-proton collisions at $\sqrt{s} = 5.02$ TeV. *Journal of High Energy Physics*, **2022**, 2022, 1 5.4