

William Ford

List of Publications by Year in descending order

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1,074
papers

50,315
citations

2311

98
h-index

5227

165
g-index

1085
all docs

1085
docs citations

1085
times ranked

11689
citing authors

#	ARTICLE	IF	CITATIONS
1	The BABAR detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2002, 479, 1-116.	0.7	1,216
2	Evidence for an Excess of $B \rightarrow \bar{D}^* \tau \nu$ Decays. Physical Review Letters, 2010, 104, 021802.	2.9	421
3	Observation of a Broad Structure in the $B \rightarrow \tau \nu$ Mass Spectrum around $4.26 \text{ GeV}/c^2$. Physical Review Letters, 2005, 95, 142001.	2.9	650
4	Observation of a Narrow Meson State Decaying to $D_s^+ \pi^0$ at a Mass of $2.32 \text{ GeV}/c^2$. Physical Review Letters, 2003, 90, 242001.	2.9	603
5	The CLEO II detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1992, 320, 66-113.	0.7	589
6	First Measurement of the Rate for the Inclusive Radiative Penguin Decay $b \rightarrow s \gamma$. Physical Review Letters, 1995, 74, 2885-2889.	2.9	555
7	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 TeV. European Physical Journal C, 2015, 75, 212.	1.4	541
8	Event generator tunes obtained from underlying event and multiparton scattering measurements. European Physical Journal C, 2016, 76, 155.	1.4	499
9	Observation of long-range, near-side angular correlations in proton-proton collisions at the LHC. Journal of High Energy Physics, 2010, 2010, 1.	1.6	497
10	Measurement of an excess of $B \rightarrow \bar{D}^* \tau \nu$ decays. Physical Review Letters, 2010, 104, 021802.	2.9	421
11	Observation of CP Violation in the $B \rightarrow \tau \nu$ Meson System. Physical Review Letters, 2001, 87, 091801.	2.9	426
12	Searches for Lepton Flavor Violation in the Decays $B \rightarrow \tau \nu$. Physical Review Letters, 2010, 104, 021802.	2.9	421
13	Search for a Dark Photon in $B \rightarrow \tau \nu$ Decays. Physical Review Letters, 2014, 113, 201801.	2.9	410
14	Evidence for penguin-diagram decays: First observation of $B \rightarrow K^* \tau \nu$. Physical Review Letters, 1993, 71, 674-678.	2.9	379
15	Study of the $B \rightarrow \tau \nu$ decay and measurement of the $B \rightarrow \tau X(3872) K^*$ branching fraction. Physical Review D, 2005, 71, .	1.6	375
16	Study of high- p_T charged particle suppression in PbPb compared to pp collisions at $\sqrt{s_{NN}} = 2.76 \text{ TeV}$. European Physical Journal C, 2012, 72, 1.	1.4	369
17	Combined measurements of Higgs boson couplings in proton-proton collisions at $\sqrt{s} = 13 \text{ TeV}$. European Physical Journal C, 2019, 79, 421.	1.4	355
18	Observation of the diphoton decay of the Higgs boson and measurement of its properties. European Physical Journal C, 2014, 74, 3076.	1.4	342

#	ARTICLE	IF	CITATIONS
19	Observation of a new boson with mass near 125 GeV in pp collisions at $\sqrt{s}=7$ and 8 TeV. Journal of High Energy Physics, 2013, 2013, 1.	1.6	320
20	Search for dark matter, extra dimensions, and unparticles in monojet events in proton-proton collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2015, 75, 235.	1.4	320
21	The Physics of the B Factories. European Physical Journal C, 2014, 74, 1.	1.4	292
22	Measurement of the form factor. Physical Review D, 2009, 80, .	1.4	277
23	Measurement of the CP Asymmetry Amplitudes in $B \rightarrow \pi^0 \pi^0$ with B Mesons. Physical Review Letters, 2002, 89, 201802.	2.9	247
24	Evidence of a Broad Structure at an Invariant Mass of 4.32 ± 0.05 GeV/c ² in the Reaction $e^+e^- \rightarrow \tau^+\tau^- \pi^0(2S)$ Measured at BABAR. Physical Review Letters, 2007, 98, 212001.	2.9	247
25	Searches for electroweak production of charginos, neutralinos, and sleptons decaying to leptons and W, Z, and Higgs bosons in pp collisions at 8 TeV. European Physical Journal C, 2014, 74, 3036.	1.4	241
26	Transverse-momentum and pseudorapidity distributions of charged hadrons in pp collisions at $\sqrt{s} = 0.9$ and 2.36 TeV. Journal of High Energy Physics, 2010, 2010, 1.	1.6	230
27	Precise Measurement of the $B \rightarrow \pi^0 \pi^0$ CP Asymmetry. Physical Review Letters, 2009, 103, 231801.	1.4	219
28	Study of $e^+e^- \rightarrow \tau^+\tau^- pp$ using initial state radiation with BABAR. Physical Review D, 2006, 73, .	1.6	207
29	Evidence for $D^0 \rightarrow D^* \pi^0$ Mixing. Physical Review Letters, 2007, 98, 211802.	2.9	205
30	Suppression of non-prompt J/ψ , prompt J/ψ , and $\Upsilon(1S)$ in PbPb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	200
31	Extraction and validation of a new set of CMS pythia8 tunes from underlying-event measurements. European Physical Journal C, 2020, 80, 4.	1.4	198
32	Measurement of the differential cross section for top quark pair production in pp collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2015, 75, 542.	1.4	191
33	Centrality dependence of dihadron correlations and azimuthal anisotropy harmonics in PbPb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. European Physical Journal C, 2012, 72, 1.	1.4	181
34	Search for heavy neutrinos and W bosons with right-handed couplings in proton-proton collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2014, 74, 3149.	1.4	179
35	Measurement of the differential cross section for top quark pair production in pp collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2015, 75, 542.	2.9	173
36	Measurement of the differential cross section for top quark pair production in pp collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2015, 75, 542.	2.9	173

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37	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.	1.4	171
38	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.	1.6	169
39	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.	1.6	168
40	Direct CP Violating Asymmetry in $B^0 \rightarrow K^* \ell^+ \ell^-$ Decays. <i>Physical Review Letters</i> , 2004, 93, 131801.	2.9	167
41	Measurements of $e^+e^- \rightarrow e^+e^- K^0_S K^0_L$. <i>Physical Review D</i> , 2008, 77, .	1.6	163
42	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.	1.6	158
43	Study of the inclusive production of charged pions, kaons, and protons in pp collisions at $\sqrt{s} = 0.9, 2.76, \text{ and } 7$ TeV. <i>European Physical Journal C</i> , 2012, 72, 1.	1.4	154
44	Search for Dimuon Decays of a Light Scalar Boson in Radiative Transitions $\tilde{\chi}^0_1 \rightarrow \mu^+ \mu^- A^0$. <i>Physical Review Letters</i> , 2009, 103, 081803.	2.9	153
45	Evidence for the decay $X \rightarrow \mu^+ \mu^-$. <i>Physical Review D</i> , 2010, 82, .		
46	The BB detector: Upgrades, operation and performance. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2013, 729, 615-701.	0.7	148
47	Measurement of double charmonium production in e^+e^- annihilations at $\sqrt{s} = 10.6$ GeV. <i>Physical Review D</i> , 2005, 72, .	1.6	147
48	Search for supersymmetry in hadronic final states with missing transverse energy using the variables \hat{t} and b-quark multiplicity in pp collisions at $\sqrt{s} = 8$ TeV. <i>European Physical Journal C</i> , 2013, 73, 2568.	1.4	147
49	Measurement of the $B^0 \rightarrow X_s \ell^+ \ell^-$ Branching Fraction with a Sum over Exclusive Modes. <i>Physical Review Letters</i> , 2004, 93, 081802.	2.9	146
50	Precise measurement of the $e^+e^- \rightarrow e^+e^- K^0_S K^0_L$. <i>Physical Review D</i> , 2008, 77, .		

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55	Study of the $e^+e^- \rightarrow \tau^+\tau^- \gamma$ process using initial state radiation with BABAR. Physical Review D, 2004, 70, .	1.6	138
56	Measurements of branching fractions, rate asymmetries, and angular distributions in the rare decays $B \rightarrow K^* \ell^+ \ell^-$, $B \rightarrow K^* \ell^+ \ell^- \gamma$ and $B \rightarrow K^* \ell^+ \ell^- \gamma$. Physical Review D, 2006, 73, .	1.6	137
57	Search for doubly charmed baryons Λ_{cc}^+ and Σ_{cc}^+ in BABAR. Physical Review D, 2006, 74, .	1.6	135
58	Prompt and non-prompt J/ψ production in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2011, 71, 1.	1.4	135
59	Study of Exclusive Radiative B Meson Decays. Physical Review Letters, 2000, 84, 5283-5287.	2.9	134
60	Study of time-dependent CP-violating asymmetries and flavor oscillations in neutral B decays at the $\Upsilon(4S)$. Physical Review D, 2002, 66, .	1.6	134
61	Observation of $B \rightarrow K^* \ell^+ \ell^-$ decays. Physical Review Letters, 2002, 89, 161802. $\frac{\Gamma(B \rightarrow K^* \ell^+ \ell^-)}{\Gamma(B \rightarrow K^* \ell^+ \ell^- \gamma)}$	2.9	133
62	Hadronic structure in the decay $B \rightarrow K^* \ell^+ \ell^-$. Physical Review D, 2000, 61, .	1.6	129
63	A search for a doubly-charged Higgs boson in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2012, 72, 1.	1.4	129
64	The $e^+e^- \rightarrow \tau^+\tau^- \gamma$, $e^+e^- \rightarrow \tau^+\tau^- \gamma \gamma$ and $K^* \ell^+ \ell^-$ cross sections at center-of-mass energies from production threshold to 4.5 GeV measured with initial-state radiation. Physical Review D, 2006, 73, .	1.6	128
65	Measurement of CP-Violating Asymmetries in B Decays to CP Eigenstates. Physical Review Letters, 2001, 86, 2515-2522.	2.9	125
66	Measurement of differential top-quark-pair production cross sections in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2013, 73, 1.	1.4	125
67	Search for Lepton Flavor Violation in the Decay $B \rightarrow K^* \ell^+ \ell^-$. Physical Review Letters, 2005, 95, 041802.	2.9	124
68	Evidence for the 125 GeV Higgs boson decaying to a pair of τ , leptons. Journal of High Energy Physics, 2014, 2014, 1.	1.6	123
69	Precision luminosity measurement in proton-proton collisions at $\sqrt{s} = 13, 14$ TeV in 2015 and 2016 at CMS. European Physical Journal C, 2021, 81, 800.	1.4	123
70	Measurements of Branching Fractions and CP-Violating Asymmetries in $B \rightarrow K^* \ell^+ \ell^-$, $B \rightarrow K^* \ell^+ \ell^- \gamma$ Decays. Physical Review Letters, 2002, 89, 281802.	2.9	122
71	Rates, Polarizations, and Asymmetries in Charmless Vector-Vector B Meson Decays. Physical Review Letters, 2003, 91, 171802.	2.9	122
72	Structure at 2175 MeV in $e^+e^- \rightarrow \tau^+\tau^- \gamma$ observed via initial-state radiation. Physical Review D, 2006, 74, .	1.6	122

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73	Search for the Z \rightarrow W^+W^- decays in pp collisions at $\sqrt{s} = 7$ and 8 TeV. Journal of High Energy Physics, 2011, 2011, 1.	1.6	122
74	Observation of new resonances decaying to $B^0 \rightarrow D^0 \pi^0$ and $B^0 \rightarrow D^0 \rho^0$. Physical Review Letters, 2012, 109, 211801.	1.6	122
75	Measurements of inclusive W and Z cross sections in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2011, 2011, 1.	1.6	122
76	Study of $B^0 \rightarrow D^0 \pi^0$ and $B^0 \rightarrow D^0 \rho^0$ decays via initial-state radiation at BABAR. Physical Review D, 2013, 87, .	1.6	122
77	CMS tracking performance results from early LHC operation. European Physical Journal C, 2010, 70, 1165-1192.	1.4	120
78	$e^+e^- \rightarrow \tau^+\tau^- \gamma$, $K^+K^- \gamma$, and $K^+K^- \gamma$ cross sections at center-of-mass energies 0.5 to 4.5 GeV measured with initial-state radiation. Physical Review D, 2005, 71, .	1.6	119
79	Observation of Time-Reversal Violation in the $B^0 \rightarrow D^0 \pi^0$ Meson System. Physical Review Letters, 2012, 109, 211801.	2.9	118
80	Searches for long-lived charged particles in pp collisions at $\sqrt{s} = 7$ and 8 TeV. Journal of High Energy Physics, 2013, 2013, 1.	1.6	118
81	Study of $B^0 \rightarrow D^0 \pi^0$ and $B^0 \rightarrow D^0 \rho^0$ decays via initial-state radiation. Physical Review D, 2007, .	1.6	117
82	Search for a light charged Higgs boson in top quark decays in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	117
83	Exclusive hadronic B decays to charm and charmonium final states. Physical Review D, 1994, 50, 43-68.	1.6	116
84	Study of resonances in exclusive $B \rightarrow D \pi$ decays to $B \rightarrow D \pi$ and $B \rightarrow D \rho$. Physical Review Letters, 2007, 98, 012001.	1.6	116
85	First Measurement of the $B^0 \rightarrow D^0 \pi^0$ and $B^0 \rightarrow D^0 \rho^0$ Branching Fractions. Physical Review Letters, 1996, 77, 5000-5004.	1.6	114
86	Observation of a Charmed Baryon Decaying to $D^0 p$ at a Mass Near 2.94 GeV/c ² . Physical Review Letters, 2007, 98, 012001.	2.9	114
87	Search for $B \rightarrow X(3872) K^+$, $X(3872) \pi^+ J/\psi$. Physical Review D, 2006, 74, .	1.6	113
88	Search for $B \rightarrow D^0 \pi^0$ and $B \rightarrow D^0 \rho^0$ decays via initial-state radiation. Physical Review D, 2007, .	1.6	113
89	Search for $B \rightarrow D^0 \pi^0$ and $B \rightarrow D^0 \rho^0$ decays via initial-state radiation. Physical Review D, 2012, 86, .	1.6	112
90	Charged particle multiplicities in pp interactions at $\sqrt{s} = 0.9$, 2.36, and 7 TeV. Journal of High Energy Physics, 2011, 2011, 1.	1.6	106

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91	Charged-particle nuclear modification factors in PbPb and pPb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	103
92	Search for exclusive charmless hadronic B decays. Physical Review D, 1996, 53, 1039-1050.	1.6	102
93	Observation of an Excited Charm Baryon $\Lambda_c^* \rightarrow \Lambda_c^0 \gamma$. Physical Review Letters, 2006, 97, 232001.	2.9	102
94	Measurements of properties of the Higgs boson decaying into the four-lepton final state in pp collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	101
95	Measurement of the $\langle \mathcal{A}_{FB}^{\ell} \rangle$ for $B \rightarrow \ell \ell \ell \ell$. Physical Review D, 2007, 76, .	1.6	100
96	Measurement of the $\langle \mathcal{A}_{FB}^{\ell} \rangle$ for $B \rightarrow \ell \ell \ell \ell$. Physical Review D, 2011, 84, .	1.6	100
97	Search for new physics in the multijet and missing transverse momentum final state in proton-proton collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	1.6	100
98	Dependence on pseudorapidity and on centrality of charged hadron production in PbPb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2011, 2011, 1.	1.6	99
99	Hadronic structure in the decay $\Lambda_c^+ \rightarrow \Lambda_c^0 \gamma$ and the sign of the tau neutrino helicity. Physical Review D, 1999, 61, .	1.6	98
100	Two-Body Meson Decays $B \rightarrow \pi \pi$: Observation of $B \rightarrow \pi^+ \pi^- K^*$. Physical Review Letters, 2000, 85, 520-524.	2.9	98
101	Search for Lepton Flavor Violation in the Decay $B \rightarrow \ell \ell \ell$. Physical Review Letters, 2006, 96, 041801.	2.9	98
102	Search for new phenomena with the M_{T2} variable in the all-hadronic final state produced in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2017, 77, 710.	1.4	98
103	Measurement of the $B \rightarrow \pi^+ D^* \pi^-$ branching fractions and \mathcal{A}_{FB}^{ℓ} . Physical Review D, 1995, 51, 1014-1033.	1.6	97
104	Dalitz-plot analysis of the decays $B \rightarrow \pi^+ K^0 \pi^-$. Physical Review D, 2005, 72, .	1.6	97
105	Measurement of the underlying event activity at the LHC with $\sqrt{s} = 7$ TeV and comparison with $\sqrt{s} = 0.9$ TeV. Journal of High Energy Physics, 2011, 2011, 1.	1.6	97
106	Time-integrated luminosity recorded by the BABAR detector at the PEP-II collider. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, and Detectors, 2007, 564, 1-10.	1.6	97
107	Study of Ds decays to $D^* K$ in inclusive $e^+ e^-$ interactions. Physical Review D, 2009, 80, .	1.6	96
108	Improved Measurement of CP Asymmetries in $B \rightarrow \pi^+ K^0$ Decays. Physical Review Letters, 2005, 94, 161803.	2.9	95

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109	Search for supersymmetry in hadronic final states using M T2 in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	95
110	Searches for invisible decays of the Higgs boson in pp collisions at $\sqrt{s} = 7, 8,$ and 13 TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	95
111	Measurement of time-dependent $C\bar{P}$ asymmetry in $B^0 \rightarrow \bar{K}^0$ decays. Journal of High Energy Physics, 2017, 2017, 1.		

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127	Study of the production of charged pions, kaons, and protons in pPb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. European Physical Journal C, 2014, 74, 2847.	1.4	85
128	Measurement of the B Semileptonic Branching Fraction with Lepton Tags. Physical Review Letters, 1996, 76, 1570-1574.	2.9	84
129	Measurement of Charge Asymmetries in Charmless Hadronic B Meson Decays. Physical Review Letters, 2000, 85, 525-529.	2.9	84
130	Study of the $X(3872)$ and $Y(4260)$ in $B \rightarrow \pi^0 \pi^+ \pi^- K^0$ and $B \rightarrow \pi^+ \pi^- K^0$ decays. Physical Review D, 2006, 73, 11701.	1.6	84
131	Study of the exclusive initial-state-radiation production of the D^0 system. Physical Review D, 2007, 76, 012001.	1.6	84
132	Study of the reaction $e^+e^- \rightarrow e^+e^- D^0 \bar{D}^0$ initial-state radiation at BABAR. Physical Review D, 2012, 86, 012001.	1.6	84
133	Performance of the CMS Level-1 trigger in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of Instrumentation, 2020, 15, P10017-P10017.	0.5	84
134	Two-Body B Meson Decays to $\pi^0 \pi^0$: Observation of $B \rightarrow \pi^0 \pi^0 K$. Physical Review Letters, 1998, 80, 3710-3714.	2.9	83
135	Measurements of the Mass and Width of the $\psi(2S)$ Candidate. Physical Review Letters, 2004, 92, 142002.	2.9	83
136	Exclusive initial-state-radiation production of the $D^0 \bar{D}^0$, $D^+ D^-$, and $D^* \bar{D}^{*0}$ systems. Physical Review D, 2009, 79, 012001.	1.6	83
137	Measurement of the single-top-quark t-channel cross section in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	83
138	Measurement of the differential cross section and charge asymmetry for inclusive $p \rightarrow W^+ + X$ production at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2016, 76, 469.	1.4	83
139	Measurement of prompt and nonprompt charmonium suppression in $PbPb$ collisions at 5.02 TeV. European Physical Journal C, 2018, 78, 509.	1.4	83
140	Suppression and azimuthal anisotropy of prompt and nonprompt J/ψ production in PbPb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. European Physical Journal C, 2017, 77, 252.	1.4	82
141	Evidence for the $b(1S)$ Meson in Radiative $\Upsilon(2S)$ Decay. Physical Review Letters, 2009, 103, 161801.	2.9	81
142	J/ψ and $\Upsilon(2S)$ production in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	81
143	Search for neutral MSSM Higgs bosons decaying to a pair of tau leptons in pp collisions. Journal of High Energy Physics, 2014, 2014, 1.	1.6	81
144	Search for a charged Higgs boson in pp collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	1.6	81

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145	Observation of $B^0 \rightarrow K^0 \pi^0$ and $B^0 \rightarrow K^0 \pi^0$, and Evidence for $B^0 \rightarrow K^0 \pi^0$. Physical Review Letters, 2000, 85, 515-519.	2.9	80
146	Observation of a narrow meson decaying to $D_s^+ \pi^0$ at a mass of $2.458 \text{ GeV}/c^2$. Physical Review D, 2004, 69, .	1.6	80
147	Search for a charged partner of the $X(3872)$ in the B meson decay $B^0 \rightarrow X^+ K^0$. Physical Review D, 2005, 71, .	1.6	80
148	Measurement of D^0 Mixing Parameters Using $D^0 \rightarrow K^0 \pi^0$ and $D^0 \rightarrow K^0 K^0$ Decays. Physical Review Letters, 2010, 105, 081803.	2.9	80
149	Measurement of the Form Factors for $B^0 \rightarrow D^* \pi^0$. Physical Review Letters, 1996, 76, 3898-3902.	2.9	79
150	Measurement of the Cabibbo-Kobayashi-Maskawa Angle β in $B^0 \rightarrow D^* \pi^0$ Decays with a Dalitz Analysis of $D^0 \rightarrow K^0 \pi^0$. Physical Review Letters, 2005, 95, 121802.	2.9	79
151	Precision Measurement of the $B \rightarrow D^* \pi^0$ Energy Spectrum, Branching Fraction, and Direct CP Asymmetry. Physical Review Letters, 2005, 95, 121802.	2.9	78
152	Search for physics beyond the standard model in dilepton mass spectra in proton-proton collisions at $\sqrt{s} = 8 \text{ TeV}$. Journal of High Energy Physics, 2015, 2015, 1.	1.6	78
154	Search for production of four top quarks in final states with same-sign or multiple leptons in proton-proton collisions at $\sqrt{s} = 13 \text{ TeV}$. European Physical Journal C, 2020, 80, 75.	1.4	78
155	Time-integrated and time-dependent angular analyses of $B^0 \rightarrow K^0 \pi^0$: A measurement of $\cos^2 \theta_1$ with no sign ambiguity from strong phases. Physical Review D, 2005, 71, .	1.6	77
156	Improved measurement of the CKM angle β in $B^0 \rightarrow D^* \pi^0$. Physical Review Letters, 2005, 95, 121802.	1.6	77
157	Studies of azimuthal dihadron correlations in ultra-central PbPb collisions at $\sqrt{s_{NN}} = 2.76 \text{ TeV}$. Journal of High Energy Physics, 2014, 2014, 1.	1.6	77
158	Two measurements of B^0 mixing. Physical Review Letters, 1993, 71, 1680-1684.	2.9	76
159	Search for CP violation in Dalitz-plot analyses of $B^0 \rightarrow D^* \pi^0$. Physical Review Letters, 2005, 95, 121802.	1.6	76
160	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. Journal of High Energy Physics, 2013, 2013, 1.	1.6	75
161	Studies of dijet transverse momentum balance and pseudorapidity distributions in pPb collisions at $\sqrt{s_{NN}} = 5.02 \text{ TeV}$. European Physical Journal C, 2014, 2014, 1.	1.4	75
162	Precision measurement of the $B \rightarrow D^* \pi^0$ Energy Spectrum, Branching Fraction, and Direct CP Asymmetry. Physical Review Letters, 2005, 95, 121802.	1.6	74

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163	Measurement of the W^+W^- cross section in pp collisions at $\sqrt{s} = 8$ TeV and limits on anomalous gauge couplings. European Physical Journal C, 2016, 76, 401.	1.4	74
164	Study of X production cross section in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	1.6	73
165	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. European Physical Journal C, 2015, 75, 251.	1.4	73
166	Angular distributions in the decay $B \rightarrow K^* \mu^+ \mu^-$. Physical Review D, 2009, 79, 074004.	1.6	72
167	Observation of the $B \rightarrow K^* \mu^+ \mu^-$ decay. Physical Review D, 2012, 86, 012001.	1.6	72
168	Evidence of $B \rightarrow K^* \mu^+ \mu^-$ decays with hadronic Btags. Physical Review D, 2013, 88, 012001.	1.6	72
169	Measurements of the Absolute Branching Fractions of $B \rightarrow K^* \mu^+ \mu^-$. Physical Review Letters, 2006, 96, 052002.	2.9	71
170	Search For T, CP, and CPT Violation in $B \rightarrow K^* \mu^+ \mu^-$ Mixing with Inclusive Dilepton Events. Physical Review Letters, 2006, 96, 251802.	2.9	71
171	Measurement of the $B \rightarrow K^* \mu^+ \mu^-$ cross section between $\sqrt{s} = 10.54$ and 10.58 TeV. Physical Review Letters, 2009, 102, 012001.	2.9	71
172	Inclusive decays of B mesons to charmonium. Physical Review D, 1995, 52, 2661-2672.	1.6	70
173	Measurement of the $B \rightarrow K^* \mu^+ \mu^-$ Decay Amplitudes. Physical Review Letters, 2004, 93, 231804.	2.9	70
174	Measurement of the $B \rightarrow K^* \mu^+ \mu^-$ branching fraction and study of the decay dynamics. Physical Review D, 2005, 72, 012001.	1.6	70
175	Direct CP and Isospin Asymmetries in the Decays $B \rightarrow K^* \mu^+ \mu^-$. Physical Review D, 2009, 79, 074004.	2.9	70
176	Search for $B \rightarrow K^* \mu^+ \mu^-$ against $B \rightarrow K^* \mu^+ \mu^-$. Physical Review D, 2010, 81, 012001.	1.6	70
177	Search for Low-Mass Dark-Sector Higgs Bosons. Physical Review Letters, 2012, 108, 211801.	2.9	70
178	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. Journal of High Energy Physics, 2014, 2014, 1.	1.6	70
179	Searches for physics beyond the standard model with the M_{T2} variable in hadronic final states with and without disappearing tracks in proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2020, 80, 3.	1.4	70

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181	Evidence for direct $C \rightarrow P$ violation from Dalitz-plot analysis of $B \rightarrow B^{\pm} \hat{\tau}^{\pm}$. <i>Physical Review D</i> , 2008, 78, .	1.6	69
182	Measurement of the $\overline{\text{t}}\text{t}$ 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.	1.6	69
183	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.	1.6	69
184	Search for Lepton-Flavor Violation in the Decay $\tilde{\nu}_\tau \rightarrow \tau \nu_\tau, \tau \nu_\mu, \tau \nu_e$. <i>Physical Review Letters</i> , 2004, 92, 121801. 2.9	2.9	68
185	Measurement of the $B \rightarrow X s \gamma$ fraction and photon energy spectrum using the recoil method. <i>Physical Review D</i> , 2008, 77, .	1.6	68
186	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.	1.6	68
187	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.	1.4	68
188	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.	1.6	68
189	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.	1.4	68
190	Measurement of the $t \bar{t} \hat{A}$ 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.	1.4	68
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194	Search for CP Violation in the Decays $D \rightarrow \tau^+ K^0$ and $D \rightarrow \tau^+ \bar{K}^0$. <i>Physical Review Letters</i> , 2008, 100, 061803.	2.9	65
195	Long-range and short-range dihadron angular correlations in central PbPb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Journal of High Energy Physics</i> , 2011, 2011, 1.	1.6	65
196	Branching fraction and form-factor shape measurements of exclusive charmless semileptonic $B \rightarrow V u$ decays, and determination of $B \rightarrow V u$. <i>Physical Review D</i> , 2012, 86, .	1.6	65
197	Measurement of differential cross sections for the production of a pair of isolated photons in pp collisions at $\sqrt{s} = 7, \text{TeV}$. <i>European Physical Journal C</i> , 2014, 74, 3129.	1.4	65
198	Measurement of $\hat{A} \rightarrow S$ from $\tilde{\nu}_\tau$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995, 356, 580-588.	1.5	64

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202	Search for new physics in same-sign dilepton events in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2016, 76, 439.	1.4	64
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204	Measurement of the electron energy spectrum and its moments in inclusive $B \rightarrow X e^+ \nu_e$ decays. Physical Review D, 2004, 69, .	1.6	63
205	Dalitz plot analysis of the decay $B \rightarrow \tau^+ K^0 K^0$. Physical Review D, 2006, 74, .	1.6	63
206	Measurement of the $e^+e^- \rightarrow \tau^+\tau^- \nu_\tau$ cross section in the energy range from 3.0 to 6.5 GeV. Physical Review D, 2013, 88, .	1.6	63
207	Search for electroweak production of charginos and neutralinos in multilepton final states in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	63
208	Measurement of the $W+W\gamma$ cross section in pp collisions at $\sqrt{s} = 7$ TeV and limits on anomalous $WW\gamma^3$ and WWZ couplings. European Physical Journal C, 2013, 73, 1.	1.4	62
209	Measurement of differential cross sections for Higgs boson production in the diphoton decay channel in pp collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2016, 76, 13.	1.4	62
210	Search for dark matter produced with an energetic jet or a hadronically decaying W or Z boson at $s = 13$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	62
211	Measurement of the inelastic proton-proton cross section at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	62
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213	Cross sections for the reactions $e^+e^- \rightarrow \tau^+\tau^- \nu_\tau$ and $e^+e^- \rightarrow K^+K^- \nu_\tau$. Physical Review D, 2003, 67, .	1.6	61
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216	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. European Physical Journal C, 2013, 73, 1.	1.4	60

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218	Flavor-Specific Inclusive B Decays to Charm. Physical Review Letters, 1998, 80, 1150-1155.	2.9	59
219	Observation of the Decay $B^0 \rightarrow \pi^+ \pi^- K^0$ and Search for $X(3872) \rightarrow \pi^+ \pi^-$. Physical Review Letters, 2004, 93, 041801.	2.9	59
220	Observation of $C \rightarrow P$ Violation in $B \rightarrow \pi^+ \pi^-$ Dalitz plot analysis of $B \rightarrow \pi^+ \pi^-$. Physical Review Letters, 2007, 99, 021603.	2.9	59
221	Dalitz plot analysis of $B \rightarrow \pi^+ \pi^-$. Physical Review D, 2009, 79, .	2.9	59
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223	Determination of the Branching Fraction for $B^0 \rightarrow X_c \pi^+$ and of $ V_{cb} $ from Hadronic-Mass and Lepton-Energy Moments. Physical Review Letters, 2004, 93, .	2.9	58
224	Observation of $B^0 \rightarrow K^+ K^-$ and $B^0 \rightarrow K^0 \bar{K}^0$. Physical Review Letters, 2006, 97, 171805.	2.9	58
225	Measurement of the Branching Fraction and Photon Energy Moments of $B^0 \rightarrow X_s \pi^0$ and $ACP(B^0 \rightarrow X_s \pi^0)$. Physical Review Letters, 2006, 97, 171803.	2.9	58
226	Measurements of $B \rightarrow \pi^+ \pi^-$ stretchy. $B \rightarrow \pi^+ \pi^-$ Tj ETQq 0,0 rgBT / Overlock 10	1.6	58
227	Search for anomalous t production in the highly-boosted all-hadronic final state. Journal of High Energy Physics, 2012, 2012, 1.	1.6	58
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229	Studies of jet mass in dijet and W/Z + jet events. Journal of High Energy Physics, 2013, 2013, 1.	1.6	58
230	Nuclear effects on the transverse momentum spectra of charged particles in pPb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. European Physical Journal C, 2015, 75, 237.	1.4	58
231	Measurement of the weak mixing angle using the forward-backward asymmetry of Drell-Yan events in $p p$ collisions at 8 TeV. European Physical Journal C, 2018, 78, 701.	1.4	58
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236	Combined search for electroweak production of charginos and neutralinos in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	57
237	Measurements of Higgs boson properties in the diphoton decay channel in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	57
238	Measurement of $B \rightarrow D^* \ell \bar{\nu}_\ell$ decay and $ V_{ub} $. Physical Review D, 2000, 61, .	1.6	56
239	Measurement of branching fractions for exclusive B decays to charmonium final states. Physical Review D, 2002, 65, .	1.6	56
240	Study of $B \rightarrow D_s^* \ell^+ \ell^-$ Decays. Physical Review Letters, 2004, 93, 181801.	2.9	56
241	Search for C and Lorentz Violation in $B \rightarrow D^* \ell^+ \ell^-$ Decays. Physical Review Letters, 2004, 93, 181801.	2.9	56
242	Evidence for Direct CP Violation in the Measurement of the Cabbibo-Kobayashi-Maskawa Angle β with $B \rightarrow D^* K^* \ell^+ \ell^-$ Decays. Physical Review Letters, 2010, 105, 121801.	2.9	56
243	Charged particle transverse momentum spectra in pp collisions at $\sqrt{s} = 0.9$ and 7 TeV. Journal of High Energy Physics, 2011, 2011, 1.	1.6	56
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245	Event activity dependence of Υ (nS) production in $\sqrt{s} = 5.02$ TeV pPb and $\sqrt{s} = 2.76$ TeV pp collisions. Journal of High Energy Physics, 2014, 2014, 1.	1.6	56
246	Measurements of exclusive semileptonic decays of D mesons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 317, 647-654.	1.5	55
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249	Search for Hadronic Decays of a Light Higgs Boson in the Radiative Decay $\gamma \rightarrow \ell^+ \ell^- A_0$. Physical Review Letters, 2011, 107, 221803.	2.9	55
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251	Measurement of associated W + charm production in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	1.6	55
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256	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. Journal of High Energy Physics, 2017, 2017, 1.	1.6	54
257	Measurement of branching fractions and CP and isospin asymmetries for $B^0 \rightarrow K^* \bar{K}^0$. Physical Review D, 2004, 70, .	1.6	53
258	Measurement of the χ_{c0} production cross section and the top quark mass in the dilepton channel in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2011, 2011, 1.	1.6	53
259	Exclusive measurements of $B \rightarrow \pi^0 \gamma$ transition rate and photon energy spectrum. Physical Review D, 2012, 86, .	1.6	52
260	Measurement of prompt and nonprompt J/ψ production in $p\bar{p}$ collisions at $\sqrt{s} = 5.02$ TeV. European Physical Journal C, 2017, 77, 269.	1.4	53
261	Measurement of the $B^0 \rightarrow \bar{K}^* K^0$ (892) Decay Amplitudes. Physical Review Letters, 2001, 87, 241801.	2.9	52
262	Measurement of the hadronic form factor in $B \rightarrow \pi^0 \gamma$. Physical Review D, 2007, 76, .	1.6	52
263	Measurement of $B \rightarrow \pi^0 \gamma$ and $B \rightarrow \pi^+ \pi^- \gamma$. Physical Review D, 2007, 76, .	1.6	52
264	Measurement of the χ_{c0} production cross section in the dilepton channel in pp collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	1.6	52
265	Measurement of double-differential cross sections for top quark pair production in pp collisions at $\sqrt{s} = 8$ TeV and impact on parton distribution functions. European Physical Journal C, 2017, 77, 459.	1.4	52
266	Measurements of the $p\bar{p} \rightarrow Z Z$ production cross section and the $Z \rightarrow 4\ell$ branching fraction, and constraints on anomalous triple gauge couplings at. European Physical Journal C, 2018, 78, 165.	1.4	52
267	Measurement of Branching Fractions and Search for CP-Violating Charge Asymmetries in Charmless Two-Body B Decays into Pions and Kaons. Physical Review Letters, 2001, 87, 151802.	2.9	51
268	Measurements of Branching Fractions and CP-Violating Asymmetries in $B^0 \rightarrow \bar{K}^* K^0$ Decays. Physical Review Letters, 2003, 91, 201802.	2.9	51
269	Study of $B \rightarrow \pi^0 \gamma$ and constraints on the CKM angle β . Physical Review D, 2007, 76, .	1.6	51
270	Search for exclusive or semi-exclusive $\bar{t}t$ production and observation of exclusive and semi-exclusive e^+e^- production in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	51

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272	Observation of High Momentum π^0 Production in B Decays. Physical Review Letters, 1998, 81, 1786-1790.	2.9	50
273	Determination of the form factors for the decay $B \rightarrow D^* \pi^0$ of the CKM matrix element V_{cb} . Physical Review D, 2008, 77, .	1.6	50
274	First measurement of the underlying event activity at the LHC with $\sqrt{s} = 0.9$ TeV. European Physical Journal C, 2010, 70, 555-572.	1.4	50
275	Study of the underlying event at forward rapidity in pp collisions at $\sqrt{s} = 0.9, 2.76, 7$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	1.6	50
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278	Bounds on the CP asymmetry in $B \rightarrow S^* \pi^0$ Decays. Physical Review Letters, 2001, 86, 5661-5665.	2.9	49
279	Study of $B \rightarrow D^* \pi^0$ decays. Physical Review D, 2007, 76, .	1.6	49
280	Dalitz plot analysis of $B \rightarrow D^* \pi^+ \pi^-$. Physical Review D, 2009, 79, .	1.6	49
281	Search for new physics with jets and missing transverse momentum in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2011, 2011, 1.	1.6	49
282	Search for Production of Invisible Final States in Single-Photon Decays of $W \rightarrow e \nu$ bosons, and protons in $e^+e^- \rightarrow \mu^+\mu^-$ annihilations into hadrons at $\sqrt{s} = 8$ TeV by the CMS and TOTEM experiments. European Physical Journal C, 2014, 74, 1.	2.9	49
283	Search for leptonic decays of $W \rightarrow e \nu$ bosons in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	49
284	Measurement of pseudorapidity distributions of charged particles in proton-proton collisions at $\sqrt{s} = 8$ TeV by the CMS and TOTEM experiments. European Physical Journal C, 2014, 74, 1.	1.4	49
285	J/ψ production via initial state radiation in $e^+e^- \rightarrow \mu^+\mu^- J/\psi$ at center-of-mass energy near 10.6 GeV. Physical Review D, 2004, 69, .	1.6	48
286	Study of the $D_s^*(2317)^+$ and $D_s(2460)^+$ mesons in inclusive $\psi(3700)$ production near $\sqrt{s} = 10.6$ GeV. Physical Review D, 2006, 74, .	1.6	48

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290	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.	1.6	48
291	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.	1.6	48
292	Search for vector-like quarks in events with two oppositely charged leptons and jets in proton-proton collisions at $\sqrt{s} = 13$ TeV. <i>European Physical Journal C</i> , 2019, 79, 364.	1.4	48
293	Observation of $B \rightarrow \tau^+ \nu_\tau K^+$ and Search for Related Decay Modes. <i>Physical Review Letters</i> , 1998, 81, 272-276.	2.9	47
294	Observation of the Decay $B \rightarrow \tau^+ \nu_\tau$. <i>Physical Review Letters</i> , 2007, 99, 221801.	2.9	47
295	Study of $B \rightarrow \tau^+ \nu_\tau$. <i>Physical Review Letters</i> , 2007, 99, 221801.	2.9	47
296	Measurements of Charged Current Lepton Universality and $B \rightarrow \tau^+ \nu_\tau$. <i>Physical Review Letters</i> , 2009, 102, 071801.	2.9	47
297	Limits on $B \rightarrow \tau^+ \nu_\tau$ lepton-flavor violating decays into three charged leptons. <i>Physical Review D</i> , 2010, 81, .	1.6	47
298	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.	1.6	47
299	Analysis of hadronic transitions in $\tilde{\chi}_1^0(3S)$ decays. <i>Physical Review D</i> , 1994, 49, 40-57.	1.6	46
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301	Evidence of New States Decaying into $\tilde{\chi}_1^0 c^* \bar{c}$. <i>Physical Review Letters</i> , 1999, 83, 3390-3393.	2.9	46
302	Measurements of Branching Fractions, Polarizations, and Direct CP-Violation Asymmetries in $B \rightarrow \tau^+ \nu_\tau K^*$ and $B \rightarrow \tau^+ \nu_\tau (980) K^*$ Decays. <i>Physical Review Letters</i> , 2006, 97, 201801.	2.9	46
303	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.	1.6	46
304	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.	1.6	46
305	Search for disappearing tracks in proton-proton collisions at $\sqrt{s} = 8$ TeV. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	1.6	46
306	Search for third-generation scalar leptoquarks decaying to a top quark and a τ lepton at $\sqrt{s} = 13$ TeV. <i>European Physical Journal C</i> , 2018, 78, 707.	1.4	46

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308	Time-dependent and time-integrated angular analysis of $B \rightarrow K^* \pi^0$. Physical Review D, 2008, 78, .	1.6	45
309	Measurement of the $B \rightarrow K^* \pi^0$ form factor. Physical Review D, 2010, 81, .	1.6	45
310	Search for heavy bottom-like quarks in 4.9 fb^{-1} of pp collisions at $\sqrt{s} = 7 \text{ TeV}$. Journal of High Energy Physics, 2012, 2012, 1.	1.6	45
311	Observation of a new charmed strange meson. Physical Review Letters, 1994, 72, 1972-1976.	2.9	44
312	Measurement of the inclusive electron spectrum in charmless semileptonic B decays near the kinematic end point and determination of $ V_{ub} $. Physical Review D, 2006, 73, .	1.6	44
313	Search for microscopic black holes in pp collisions at $\sqrt{s} = 8 \text{ TeV}$. Journal of High Energy Physics, 2013, 2013, 1.	1.6	44
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315	Search for decays of stopped long-lived particles produced in proton collisions at $\sqrt{s} = 8 \text{ TeV}$. European Physical Journal C, 2015, 75, 151.	1.4	44
316	Search for standard model production of four top quarks with same-sign and multilepton final states in proton collisions at $\sqrt{s} = 13 \text{ TeV}$. European Physical Journal C, 2018, 78, 140.	1.4	44
317	Search for Inclusive $B \rightarrow K^* \pi^0$. Physical Review Letters, 1998, 80, 2289-2293.	2.9	43
318	Measurements of the Branching Fractions of Exclusive Charmless B Meson Decays with π^0 Mesons. Physical Review Letters, 2001, 87, 221802.	2.9	43
319	Search for the Decay $B \rightarrow K^* \pi^0$. Physical Review Letters, 2005, 94, 101801.	2.9	43
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321	Dalitz plot analysis of $B \rightarrow K^* \pi^0$. Physical Review D, 2011, 83, .	1.4	43
322	Measurement of top quark-antiquark pair production in association with a W or Z boson in pp collisions at $\sqrt{s} = 8 \text{ TeV}$. European Physical Journal C, 2014, 74, 3060.	1.4	43
323	Identification techniques for highly boosted W bosons that decay into hadrons. Journal of High Energy Physics, 2014, 2014, 1.	1.6	43
324	Constraints on the pMSSM, AMSB model and on other models from the search for long-lived charged particles in proton collisions at $\sqrt{s} = 8 \text{ TeV}$. European Physical Journal C, 2015, 75, 325.	1.4	43

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326	Observation of $\Upsilon(4S)$ Decays to $B^0 B^0$ ($1S$) and $B^0 B^0$ ($2S$). Physical Review Letters, 2006, 96, 232001.	2.9	42
327	Observation of B^0 Meson Decay to $\Lambda^0 \pi^0$. Physical Review Letters, 2006, 97, 051802.	2.9	42
328	Search for Lepton Flavor Violating Decays $\tilde{\chi}_1^0 \rightarrow \tau^+ \tau^- \nu_\tau$, $\tilde{\chi}_1^0 \rightarrow \mu^+ \mu^- \nu_\mu$, $\tilde{\chi}_1^0 \rightarrow e^+ e^- \nu_e$. Physical Review Letters, 2007, 98, 061803.	1.6	42
329	Time-dependent amplitude analysis of $B^0 \rightarrow \pi^+ \pi^-$. Physical Review D, 2009, 80, .	1.6	42
330	Searches for rare or forbidden semileptonic charm decays. Physical Review D, 2011, 84, .	1.6	42
331	Measurement of the top-quark mass in $\overline{t}t$ events with dilepton final states in pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2012, 72, 1.	1.4	42
332	Search for di-muon decays of a low-mass Higgs boson in radiative decays of the Υ . Physical Review Letters, 2010, 105, 101801.	1.6	42
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337	Vector-Tensor and Vector-Vector Decay Amplitude Analysis of $B^0 \rightarrow \tau^+ \tau^-$. Physical Review Letters, 2007, 98, 051801.	2.9	41
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345	Search for $B \rightarrow \bar{D}^* \ell^+ \ell^-$. Physical Review D, 2007, 76, .	1.6	40
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350	Measurement of the Higgs boson production rate in association with top quarks in final states with electrons, muons, and hadronically decaying tau leptons at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2021, 81, 378.	1.4	40
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376	Measurement of the Inclusive Charmless Semileptonic Branching Ratio of B Mesons and Determination of $ V_{ub} $. Physical Review Letters, 2004, 92, 071802.	2.9	37
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423	Observation of the $\text{t}\bar{\text{t}} \rightarrow \text{t}\bar{\text{t}} + \text{Z} + \text{b}\bar{\text{b}}$ process in proton-proton collisions at $\sqrt{s} = 13$ TeV. Physical Review Letters, 2013, 111, 111801.	1.6	33
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485	Study of $B^+ \rightarrow \rho^+ \rho^- K^+$ and $B^0 \rightarrow \rho^+ \rho^- K^0$ decays and determination of $ V_{ub} $. Physical Review D, 2005, 72, .	1.6	29
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489	Search for supersymmetry in events with b jets and missing transverse momentum at the LHC. Journal of High Energy Physics, 2011, 2011, 1.	1.6	29
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653	Observation of $B^0 \rightarrow \pi^0 \pi^0$ and $B^0 \rightarrow \pi^0 \pi^0$.	1.6	19
654	Measurement of $B^0 \rightarrow \pi^0 \pi^0$ and $B^0 \rightarrow \pi^0 \pi^0$.	1.6	19
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714	Branching fraction measurements of the color-suppressed decays $B^0 \rightarrow D^{(*)0} \ell^+ \ell^-$, $D^{(*)0} \rightarrow \ell^+ \ell^-$, and $D^{(*)0} \rightarrow \ell^+ \ell^- \pi^0$ and measurement of the polarization in the decay $B^0 \rightarrow D^{*0} \ell^+ \ell^-$. Physical Review D, 2011, 84, .	1.6	16
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761	Measurement of Time-Dependent CP-Violating Asymmetries in $B^0 \rightarrow K^* K^0 \pi^0$ Decays. <i>Physical Review Letters</i> , 2004, 93, 201801.	2.9	14
762	Measurement of the branching fraction for $B^0 \rightarrow K^* K^0 \pi^0$. <i>Physical Review D</i> , 2004, 69, .	1.6	14
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765	Study of the decay $B^0 \rightarrow D^{*+} \pi^-$. <i>Physical Review D</i> , 2006, 74, .	1.6	14
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769	Branching fraction measurement of $B^0 \rightarrow D^{*+} \pi^-$ and $B^0 \rightarrow D^{*0} \pi^0$ and isospin analysis of $B^0 \rightarrow D^{*+} \pi^-$ decays. <i>Physical Review D</i> , 2007, 75, .	1.6	14
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808	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. Journal of High Energy Physics, 2013, 2013, 1.	1.6	13
809	Measurement of the underlying event activity in pp collisions at $\sqrt{s} = 0.9$ and 7 TeV with the novel jet-area/median approach. Journal of High Energy Physics, 2012, 2012, 1.	1.6	13
810	Search for the associated production of a Higgs boson with a single top quark in proton-proton collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	1.6	13

#	ARTICLE	IF	CITATIONS
811	Search for dark matter in proton-proton collisions at 8 TeV with missing transverse momentum and vector boson tagged jets. Journal of High Energy Physics, 2016, 2016, 1.	1.6	13
812	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. Journal of High Energy Physics, 2017, 2017, 1.	1.6	13
813	Measurement of the underlying event activity in inclusive Z boson production in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	13
814	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. Journal of High Energy Physics, 2018, 2018, 1.	1.6	13
815	Jet properties in PbPb and pp collisions at $\sqrt{s_{\mathrm{N};\mathrm{N}}} = 5.02$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	13
816	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. Journal of High Energy Physics, 2022, 2022, 1.	1.6	13
817	Search for doubly charged Higgs scalars in Z decay. Physical Review Letters, 1990, 64, 2877-2880.	2.9	12
818	Measurement of exclusive b decays with a_1^+ in the final state. Physical Review Letters, 1993, 71, 3255-3258.	2.9	12
819	Measurement of the branching ratios for the decays of $D_{s1}^+ \rightarrow \ell^+ \bar{\nu}_\ell + \bar{c} + \bar{u}$, $D_{s1}^+ \rightarrow \ell^+ \bar{\nu}_\ell + \bar{c} + \bar{d}$, and $D_{s1}^+ \rightarrow \ell^+ \bar{\nu}_\ell + \bar{c} + \bar{s}$. Physical Review D, 1998, 58, .		12
820	Observation of Radiative Leptonic Decay of the Tau Lepton. Physical Review Letters, 2000, 84, 830-834.	2.9	12
821	Measurement of the $B^0 \rightarrow \tau^+ \bar{\nu}_\tau + \bar{c} + \bar{u}$ Branching Fraction. Physical Review Letters, 2003, 90, 091801.	2.9	12
822	Study of High Momentum \bar{c} Production in $B^0 \rightarrow \tau^+ \bar{\nu}_\tau + X$ s. Physical Review Letters, 2004, 93, 061801.	2.9	12
823	Search for B^0 Decays to Invisible Final States and $\tau^+ \bar{\nu}_\tau + \bar{c} + \bar{u}$. Physical Review Letters, 2004, 93, 091802.	2.9	12
824	Searches for B^0 Decays to Combinations of Two Charmless Isoscalar Mesons. Physical Review Letters, 2004, 93, 181806.	2.9	12
825	Measurements of Branching Fractions and CP-Violating Asymmetries in Meson Decays to Charmless Two-Body States Containing a K^0 . Physical Review Letters, 2004, 92, 201802.	2.9	12
826	Branching Fraction and CP Asymmetries of $B^0 \rightarrow K^0 K^0 K^0$. Physical Review Letters, 2005, 95, 011801.	2.9	12
827	Search for Radiative Penguin Decays $B^+ \rightarrow \tau^+ \bar{\nu}_\tau + \bar{c} + \bar{u}$, $B^0 \rightarrow \tau^+ \bar{\nu}_\tau + \bar{c} + \bar{u}$, and $B^0 \rightarrow \tau^+ \bar{\nu}_\tau + \bar{c} + \bar{d}$. Physical Review Letters, 2005, 94, 011801.	2.9	12
828	Measurement of the $B^0 \rightarrow D^{*+} \bar{a}_1^-$, $B^0 \rightarrow D^{*+} \bar{a}_1^-$, decay rate and $ V_{cb} $. Physical Review D, 2005, 71, .	1.6	12

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829	Measurement of CP observables for the decays $B_{\pm} \rightarrow D^0 K^{\pm}$. Physical Review D, 2005, 72, .	1.6	12
830	Branching fraction measurements of charged B decays to $K^* + K + \bar{K}^0$, $K^* + \bar{K}^0 + K^+$, $K^* + K + \bar{K}^0$ and $K^* + \bar{K}^0 + K^+$ final states. Physical Review D, 2006, 74, .	1.6	12
831	Searches for B ⁰ decays to $\bar{K}^0 \ell^+ \ell^-$, $\bar{K}^0 \ell^+ \ell^-$, and $\bar{K}^0 \ell^+ \ell^-$. Physical Review D, 2006, 74, .	1.6	12
832	Branching fraction limits for B ⁰ decays to $\bar{K}^0 \ell^+ \ell^-$ and $\bar{K}^0 \ell^+ \ell^-$. Physical Review D, 2006, 73, .	1.6	12
833	Search for the decay $B \rightarrow \bar{K}^0 \ell^+ \ell^-$. Physical Review D, 2006, 73, .	1.6	12
834	Search for the charmed pentaquark candidate $\bar{c}(3100)0$ in e^+e^- annihilations at $s = 10.58$ GeV. Physical Review D, 2006, 73, .	1.6	12
835	Measurement of CP observables for the decays $B_{\pm} \rightarrow D^0 K^{\pm}$. Physical Review D, 2006, 73, .	1.6	12
836	Evidence for B ⁰ Decays and Implications for the Cabibbo-Kobayashi-Maskawa Angle β . Physical Review Letters, 2007, 98, 111801.	2.9	12
837	Measurement of CP asymmetry in B ⁰ \rightarrow K ⁰ $\ell^+ \ell^-$ decays. Physical Review D, 2007, 76, .	1.6	12
838	Measurements of the branching fractions of B ⁰ \rightarrow K ⁰ \bar{K}^0 , B ⁰ \rightarrow K ⁰ \bar{K}^0 , B ⁰ \rightarrow K ⁰ \bar{K}^0 , and B ⁰ \rightarrow K ⁰ \bar{K}^0 . Physical Review D, 2007, 76, .	1.6	12
839	Measurement of the CP asymmetry in $B^0 \rightarrow \bar{K}^0 \ell^+ \ell^-$ Using a Sum of Exclusive Final States. Physical Review Letters, 2008, 101, 171804.	2.9	12
840	Measurement of the $B \rightarrow \bar{K}^0 \ell^+ \ell^-$ and $B \rightarrow \bar{K}^0 \ell^+ \ell^-$ branching fractions. Physical Review D, 2009, 79, .	1.6	12
841	Search for B^0 transitions in $B_{\pm} \rightarrow [K^* \bar{K}^0] D K^{\pm}$ decays. Physical Review D, 2011, 84, .	1.6	12
842	Measurement of the semileptonic branching fraction of the $B \rightarrow \bar{K}^0 \ell^+ \ell^-$ meson. Physical Review D, 2012, 85, .	1.6	12
843	Search for supersymmetry in the vector-boson fusion topology in proton-proton collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	1.6	12
844	Phenomenological MSSM interpretation of CMS searches in pp collisions at $\sqrt{s} = 7$ and 8 TeV. Journal of High Energy Physics, 2016, 2016, 1.	1.6	12
845	Comparing transverse momentum balance of b jet pairs in pp and PbPb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	12
846	Search for decays of stopped exotic long-lived particles produced in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	12

#	ARTICLE	IF	CITATIONS
847	Search for dark matter produced in association with a Higgs boson decaying to $\hat{1}^3\hat{1}^3$ or $\hat{1}, +\hat{1}, \hat{a}^{\sim}$ at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	12
848	Measurement of the energy density as a function of pseudorapidity in proton-proton collisions at $\sqrt{s}=13$ TeV. European Physical Journal C, 2019, 79, 1.	1.4	12
849	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. Journal of High Energy Physics, 2019, 2019, 1.	1.6	12
850	Measurement of the average very forward energy as a function of the track multiplicity at central pseudorapidity in proton-proton collisions at $\sqrt{s}=13$ TeV. European Physical Journal C, 2019, 79, 893.	1.4	12
851	Development and validation of HERWIG tunes from CMS underlying-event measurements. European Physical Journal C, 2021, 81, 312.	1.4	12
852	Search for a right-handed W boson and a heavy neutrino in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2022, 2022, 1.	1.6	12
853	Measurement of the branching fraction for $D^+ \rightarrow K^+ \bar{1}^+ \bar{1}^+$. Physical Review Letters, 1994, 72, 2328-2331.	2.9	11
854	A measurement of. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 324, 255-262.	1.5	11
855	Measurement of the B^0 lifetime with Partially Reconstructed $B^0 \rightarrow D^* \bar{1}^+ \bar{1}^+$, $B^0 \rightarrow D^* \bar{1}^+ \bar{1}^+$ decays. Physical Review Letters, 2002, 89, 011802.	2.9	11
856	Simultaneous measurement of the B^0 meson lifetime and mixing frequency with $B^0 \rightarrow D^* \bar{1}^+ \bar{1}^+$ decays. Physical Review D, 2003, 67, .	1.6	11
857	Branching fraction measurements of $B^+ \rightarrow \bar{1}^+ K^0$ decays. Physical Review D, 2004, 70, .	1.6	11
858	Measurement of the Branching Fraction and Polarization for the Decay $B^+ \rightarrow D^* \bar{1}^+ \bar{1}^+$. Physical Review Letters, 2004, 92, 141801.	2.9	11
859	Production and Decay of B^0 at BABAR. Physical Review Letters, 2005, 95, 142003.	2.9	11
860	Measurements of CP-violating asymmetries and branching fractions in B decays to $1^0 K^0 \bar{1}^0$. Physical Review D, 2006, 74, .	1.6	11
861	Measurement of branching fractions in radiative B decays to $1^0 K^0 \bar{1}^0$ and search for B decays to $1^0 K^0 \bar{1}^0$. Physical Review D, 2006, 74, .	1.6	11
862	Search for neutral B -meson decays to $1^0 K^0 \bar{1}^0$, and $1^0 \bar{1}^0$. Physical Review D, 2007, 75, .	1.6	11
863	Measurement of the branching fractions of the rare decays $B^0 \rightarrow D_s^{(*)} \bar{1}^+ \bar{1}^+$, $B^0 \rightarrow D_s^{(*)} \bar{1}^+ \bar{1}^+$, and $B^0 \rightarrow D_s^{(*)} \bar{1}^+ \bar{1}^+$. Physical Review D, 2008, 78, .	1.6	11
864	Observation of $B^0 \rightarrow D_s^{(*)} \bar{1}^+ \bar{1}^+$ near $\sqrt{s}=10.58$ GeV. Physical Review D, 2008, 78, .	1.6	11

#	ARTICLE	IF	CITATIONS
865	Observation of $B \rightarrow B^* \ell^+ \ell^-$ and search for B -meson decays to $B^* \ell^+ \ell^-$. Physical Review D, 2008, 78, .	1.6	11
866	Observation of $B \rightarrow B^* \ell^+ \ell^-$ and search for B decays to $B^* \ell^+ \ell^-$, $B^* \ell^+ \ell^-$, and $B^* \ell^+ \ell^-$. Physical Review D, 2008, 78, .	1.6	11
867	Measurement of ratios of branching fractions and CP-violating asymmetries of $B \rightarrow B^* \ell^+ \ell^-$ decays. Physical Review D, 2008, 78, .	1.6	11
868	Study of B Meson Decays with Excited ℓ - and ℓ^2 Mesons. Physical Review Letters, 2008, 101, 091801.	2.9	11
869	Improved Limits on Lepton-Flavor-Violating $\ell \rightarrow \ell' \gamma$ Decays to $\ell \rightarrow \ell' \gamma$, $\ell \rightarrow \ell' \gamma$, K^* , and $K^* \ell$. Physical Review Letters, 2009, 103, 021801.	2.9	11
870	Search for Lepton Flavor Violating Decays $\ell \rightarrow \ell' \gamma$ with the BABAR Experiment. Physical Review D, 2009, 79, .	1.6	11
871	B -meson decays to $B^* \ell^+ \ell^-$ and $B^* K^*$. Physical Review D, 2010, 82, .	1.6	11
872	Search for new physics with long-lived particles decaying to photons and missing energy in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	11
873	Search for new physics with long-lived particles decaying to photons and missing energy in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	11
874	Forward energy flow, central charged-particle multiplicities, and pseudorapidity gaps in W and Z boson events from pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2012, 72, 1.	1.4	11
875	Search for the standard model Higgs boson in the $H \rightarrow ZZ \rightarrow \ell^+ \ell^- \ell^+ \ell^-$ decay channel in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	11
876	Search for CP violation in the decays $D \rightarrow K^* K^0$, $D_s \rightarrow K^* K^0$, and $D_s \rightarrow K^* K^0$. Physical Review D, 2013, 87, .		11
877	Measurement of the $Z \ell^+ \ell^-$ production cross section in pp collisions at 8 TeV and search for anomalous triple gauge boson couplings. Journal of High Energy Physics, 2015, 2015, 1.	1.6	11
878	Search for electroweak production of charginos in final states with two ℓ , leptons in pp collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	11
879	Measurement of the semileptonic $t \rightarrow b \ell^+ \ell^-$ production cross section in pp collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	11
880	Measurement of the transverse momentum spectrum of the Higgs boson produced in pp collisions at $\sqrt{s} = 8$ TeV using $H \rightarrow WW$ decays. Journal of High Energy Physics, 2017, 2017, 1.	1.6	11
881	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. Journal of High Energy Physics, 2018, 2018, 1.	1.6	11
882	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. Journal of High Energy Physics, 2018, 2018, 1.	1.6	11

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883	Search for supersymmetry in events with a photon, jets, \mathcal{B} -jets, and missing transverse momentum in proton-proton collisions at $\sqrt{s}=13$ TeV. European Physical Journal C, 2019, 79, 444.	1.4	11
884	Study of the underlying event in top quark pair production in pp collisions at $\sqrt{s}=13$ TeV. European Physical Journal C, 2019, 79, 123.	1.4	11
885	Measurement of electroweak production of a W boson in association with two jets in proton-proton collisions at $\sqrt{s}=13$ TeV. European Physical Journal C, 2020, 80, 43.	1.4	11
886	Υ dipion transitions at energies near the $\Upsilon(4S)$. Physical Review D, 1999, 59, .	1.6	10
887	Study of CP-violating asymmetries in $B^0 \rightarrow \pi^+ \pi^-$, $K^+ \pi^-$ decays. Physical Review D, 2002, 65, .	1.6	10
888	Search for the decay $B^0 \rightarrow \pi^+ \pi^-$. Physical Review D, 2004, 70, .	1.6	10
889	Measurement of Time-Dependent CP Asymmetries and the CP-Odd Fraction in the Decay $B^0 \rightarrow D^{*+} D^{*-}$. Physical Review Letters, 2005, 95, 151804.	2.9	10
890	Evidence for the decay $B^0 \rightarrow K^* \pi^0$. Physical Review D, 2005, 71, .	1.6	10
891	Search for $B^0 \rightarrow \pi^+ \pi^-$ decays. Physical Review D, 2005, 71, .	1.6	10
892	Measurement of the $D^+ \rightarrow \pi^+ \pi^0$ and $D^+ \rightarrow K^+ \pi^0$ branching fractions. Physical Review D, 2006, 74, .	1.6	10
893	Measurements of the branching fraction and time-dependent CP asymmetries of $B^0 \rightarrow \pi^+ \pi^-$ decays. Physical Review D, 2006, 74, .	1.6	10
894	Measurements of \mathcal{B}_c and branching fractions of Cabibbo-suppressed decay modes involving \bar{c} and \bar{s} . Physical Review D, 2007, 75, .	1.6	10
895	Measurement of the relative branching fractions of $B \rightarrow \bar{c} \pi^+$ and $B \rightarrow \bar{s} \pi^+$. Physical Review D, 2007, 76, .	1.6	10
896	Study of inclusive $B^0 \rightarrow \pi^+ \pi^-$ and $B^0 \rightarrow \pi^+ \pi^0$ decays to flavor-tagged D, Ds, and \bar{c} . Physical Review D, 2007, 75, .	1.6	10
897	Measurement of the CP-violating asymmetries in $B^0 \rightarrow K^0 \pi^0$ and of the branching fraction $B^0 \rightarrow K^0 \pi^0$. Physical Review D, 2008, 77, .	1.6	10
898	Improved measurement of C and P observables in $B \rightarrow \pi^+ \pi^-$ decays. Physical Review D, 2008, 77, .	1.6	10
899	Measurements of branching fractions for $B^+ \rightarrow \pi^+ \pi^0$, $B^0 \rightarrow \pi^0 \pi^0$, and $B^0 \rightarrow \pi^+ \pi^-$. Physical Review D, 2008, 78, .	1.6	10
900	Measurement of CP violation observables and parameters for the decays $B^0 \rightarrow D^{*+} D^{*-}$. Physical Review D, 2009, 80, .	1.6	10

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901	Search for supersymmetry in events with a lepton, a photon, and large missing transverse energy in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2011, 2011, 1.	1.6	10
902	Branching fraction of $B^0 \rightarrow D^+ D_s^-$ decays. Physical Review D, 2012, 86, .	1.6	10
903	Measurement of the underlying event activity using charged-particle jets in proton-proton collisions at $s = 2.76$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	1.6	10
904	Measurements of the $pp \rightarrow W^{\pm} Z^{\pm}$ and $pp \rightarrow Z^{\pm} Z^{\pm}$ cross sections and limits on anomalous quartic gauge couplings at $s = 8$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	10
905	Measurement of the inclusive energy spectrum in the very forward direction in proton-proton collisions at $s = 13$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	10
906	Search for a light pseudoscalar Higgs boson produced in association with bottom quarks in pp collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	10
907	Study of dijet events with a large rapidity gap between the two leading jets in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2018, 78, 242.	1.4	10
908	Measurement of the $\sigma(\text{pp} \rightarrow Z/\gamma^* \rightarrow \text{qq})$ cross section in pp collisions at $\sqrt{s} = 13$ TeV and validation of $\sigma(\text{pp} \rightarrow Z/\gamma^* \rightarrow \text{qq})$. European Physical Journal C, 2018, 78, 708.	1.4	10
909	Search for a heavy resonance decaying into a Z boson and a vector boson in the $u\bar{u} \rightarrow \text{qq}$ final state. Journal of High Energy Physics, 2018, 2018, 1.	1.6	10
910	Evidence for $\text{ext}\{W\}$ production from double-parton interactions in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2020, 80, 1.	1.4	10
911	Two-body D_s decays to Λ^0 , Λ^+ , Λ^0 , and Λ^+ . Physical Review D, 1992, 45, 3965-3975.	1.6	9
912	Observation of Inclusive B Decays to the Charmed Baryons Λ_c^+ and Λ_c^0 . Physical Review Letters, 1994, 73, 1472-1476.	2.9	9
913	First Observation of Inclusive B Decays to the Charmed Strange Baryons Λ_c^0 and Λ_c^+ . Physical Review Letters, 1997, 79, 3599-3603.	2.9	9
914	Measurement of $B(D^0 \rightarrow K^+ \Lambda_c^+)$ Using Partial Reconstruction of $B^0 \rightarrow D^+ X^-$. Physical Review Letters, 1998, 80, 3193-3197.	2.9	9
915	Search for the Decay $B^0 \rightarrow \Lambda_c^+$. Physical Review Letters, 2001, 87, 241803.	2.9	9
916	Study of Time-Dependent CP Asymmetry in Neutral B Decays to J/ψ . Physical Review Letters, 2003, 91, 061802.	2.9	9
917	Measurement of the branching fractions for inclusive B^0 and B^+ decays to flavor-tagged D , D_s , and Λ_c . Physical Review D, 2004, 70, .	1.6	9
918	Search for the decay $B^0 \rightarrow D^+ \Lambda_c^-$. Physical Review D, 2005, 72, .	1.6	9

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919	Search for the decay of B^0 meson to $K^* K^0$. Physical Review D, 2006, 74, .	1.6	9
920	Observation of the exclusive reaction $e^+e^- \rightarrow \tau^+ \tau^-$ at $\sqrt{s} = 10.58$ GeV. Physical Review D, 2006, 74, .	1.6	9
921	Observation of e^+e^- Annihilation into the $C=+1$ Hadronic Final States ρ^0 and ω . Physical Review Letters, 2006, 97, 112002.	2.9	9
922	Observation of Decays $B^0 \rightarrow D_s^*(\gamma) \tau^+ \tau^-$ and $B^0 \rightarrow D_s^*(\gamma) K^+$. Physical Review Letters, 2007, 98, 081801.	2.9	9
923	Search for the reaction $e^+e^- \rightarrow \tau^+ \tau^- \gamma$, $e^+e^- \rightarrow \tau^+ \tau^- \gamma \gamma$. Physical Review D, 2007, 75, .	1.6	9
924	Measurement of B decays to $\tau^+ K^0$. Physical Review D, 2007, 75, .	1.6	9
925	Observation of $B \rightarrow D^0 \tau^+ \tau^-$ and evidence for $B \rightarrow D^0 \tau^+ \tau^- \gamma$. Physical Review D, 2008, 78, .	1.6	9
926	Measurement of the Absolute Branching Fraction of $D^0 \rightarrow \tau^+ K^0 \nu$. Physical Review Letters, 2008, 100, 051802.	2.9	9
927	Measurements of branching fractions and CP asymmetries and studies of angular distributions for $B \rightarrow D^0 \tau^+ \tau^-$ and $B \rightarrow D^0 \tau^+ \tau^- \gamma$. Physical Review D, 2008, 78, .	1.6	9
928	Search for direct CP violation in singly Cabibbo-suppressed $B \rightarrow D^0 \tau^+ \tau^-$ decays. Physical Review D, 2008, 78, .	1.6	9
929	Measurement of the $B \rightarrow \tau^+ \nu$ branching fraction with semileptonically tagged B mesons. Physical Review D, 2013, 88, .	1.6	9
930	Measurement of the mass of the D^0 meson. Physical Review D, 2013, 88, .	1.6	9
931	Search for the rare decays $B^0 \rightarrow \tau^+ \tau^- \gamma$, $B^0 \rightarrow \tau^+ \tau^- \gamma \gamma$ and $B^0 \rightarrow \tau^+ \tau^- \gamma \gamma \gamma$. Physical Review D, 2013, 88, .	1.6	9
932	Search for lepton-flavor violating decays of heavy resonances and quantum black holes to $e \tau$ final states in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	9
933	Azimuthal correlations for inclusive 2-jet, 3-jet, and 4-jet events in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2018, 78, 1.	1.4	9
934	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 $\sqrt{s} = 13$ TeV. European Physical Journal C, 2019, 79, 1.	1.4	9
935	Search for a heavy vector resonance decaying to a Z boson and a Higgs boson in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2021, 81, 688.	1.4	9
936	Search for the decay $B^0 \rightarrow D_s^+ X$. Physical Review D, 1998, 57, 3847-3853.	1.6	8

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937	Evidence for $B \rightarrow K^0 K^0$ and $B \rightarrow K^0 K^0$, and Measurement of the Branching Fraction and Search for Direct CP Violation in $B \rightarrow K^0 K^0$. Physical Review Letters, 2005, 95, 221801.	2.9	8
938	Search for the W-exchange decays $B \rightarrow D_s^* \bar{a}^0 D_s^* \bar{a}^0$. Physical Review D, 2005, 72, .	1.6	8
939	Study of $B \rightarrow K^0 K^0$ interference in the decay $B \rightarrow K^0 K^0 [K^0 K^0] D K^0 \bar{a}^0$. Physical Review D, 2005, 72, .	1.6	8
940	Measurement of the $B \rightarrow K^0 K^0$ branching fraction. Physical Review D, 2006, 73, .	1.6	8
941	Precise branching ratio measurements of the decays $D \rightarrow K^0 K^0$ and $D \rightarrow K^0 K^0$ relative to the $D \rightarrow K^0 K^0$ decay. Physical Review D, 2006, 74, .	1.6	8
942	Search for rare quark-annihilation decays, $B \rightarrow D_s^* \bar{a}^0 \bar{a}^0$. Physical Review D, 2006, 73, .	1.6	8
943	Measurement of the ratio $B(B \rightarrow X_{e1/2})/B(B \rightarrow X_{e1/2})$. Physical Review D, 2006, 74, .	1.6	8
944	Measurement of the Time-Dependent CP Asymmetry in $B \rightarrow DCP^* h^0$ Decays. Physical Review Letters, 2007, 99, 081801.	2.9	8
945	Observation of $B \rightarrow K^0 K^0$ and measurement of its branching fraction and charge asymmetry. Physical Review D, 2007, 76, .	1.6	8
946	Improved measurement of time-dependent C and P asymmetries and the C -odd fraction in the decay $B \rightarrow K^0 K^0$. Physical Review D, 2008, 77, .	1.6	8
947	Time-dependent Dalitz plot analysis of $B \rightarrow D^* K^0 K^0$ decays. Physical Review D, 2008, 77, .	1.6	8
948	Observation of the rare decay $B \rightarrow K^0 K^0 K^0$. Physical Review D, 2010, 82, .	1.6	8
949	Measurements of branching fractions, polarizations, and direct CP-violation asymmetries in $B \rightarrow K^0 K^0$ and $B \rightarrow K^0 K^0$ decays. Physical Review D, 2011, 83, .	1.6	8
950	Study of dipion bottomonium transitions and search for the $B \rightarrow K^0 K^0$ decay. Physical Review D, 2012, 86, .	1.6	8
951	Search for resonances decaying to $B \rightarrow K^0 K^0$ two-photon interactions. Physical Review D, 2012, 86, .	1.6	8
952	Searches for $W \rightarrow t \bar{b}$ bosons decaying to a top quark and a bottom quark in proton-proton collisions at 13 TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	8
953	Pseudorapidity distributions of charged hadrons in proton-lead collisions at $\sqrt{s_{NN}} = 5.02$ and 8.16 TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	8
954	Search for a heavy resonance decaying into a Z boson and a Z or W boson in $B \rightarrow Z q$ final states at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	8

#	ARTICLE	IF	CITATIONS
955	Azimuthal separation in nearly back-to-back jet topologies in inclusive 2- and 3-jet events in $\sqrt{s}=13$ TeV collisions at $\sqrt{s}=13$ TeV. European Physical Journal C, 2019, 79, 773.	1.4	8
956	Search for new physics in final states with two opposite-sign, same-flavor leptons, jets, and missing transverse momentum in pp collisions at $s = 13$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	1.6	8
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1072	Publisher's Note: Search for the Rare Leptonic Decay $B \rightarrow \tau^+ \tau^-$ [Phys. Rev. Lett. 92, 221803 (2004)]. Physical Review Letters, 2004, 93, .	2.9	0
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