

Andrei Gritsan

List of Publications by Year in descending order

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Version: 2024-02-01

1,022
papers

52,789
citations

2669

95
h-index

3394

183
g-index

1048
all docs

1048
docs citations

1048
times ranked

14722
citing authors

#	ARTICLE	IF	CITATIONS
1	Review of Particle Physics. Physical Review D, 2012, 86, .	1.6	5,054
2	Review of Particle Physics. Progress of Theoretical and Experimental Physics, 2020, 2020, .	1.8	3,177
3	Evidence for an Excess of $B \rightarrow \hat{A}^+ \hat{A}^- D$ Decays $B \rightarrow \hat{A}^+ \hat{A}^- D$	2.9	731
4	Observation of a Broad Structure in the $B \rightarrow \hat{A}^+ \hat{A}^- D$ Mass Spectrum around $4.26 \text{ GeV}/c^2$. Physical Review Letters, 2005, 95, 142001.	2.9	650
5	Observation of a Narrow Meson State Decaying to $D_s \hat{A}^+ \hat{A}^-$ at a Mass of $2.32 \text{ GeV}/c^2$. Physical Review Letters, 2003, 90, 242001.	2.9	603
6	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
7	Event generator tunes obtained from underlying event and multiparton scattering measurements. European Physical Journal C, 2016, 76, 155.	1.4	499
8	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
9	Searches for Lepton Flavor Violation in the Decays $B \rightarrow \hat{A}^+ \hat{A}^- D$ $B \rightarrow \hat{A}^+ \hat{A}^- D$	2.9	421
10	Observation of CP Violation in the B Meson System. Physical Review Letters, 2001, 87, 091801.	2.9	426
11	Search for a Dark Photon in $B \rightarrow \hat{A}^+ \hat{A}^- D$ $B \rightarrow \hat{A}^+ \hat{A}^- D$	2.9	421
12	Search for a Dark Photon in $B \rightarrow \hat{A}^+ \hat{A}^- D$ $B \rightarrow \hat{A}^+ \hat{A}^- D$	2.9	421
13	Study of the $B \rightarrow \hat{A}^+ \hat{A}^- D$ decay and measurement of the $B \rightarrow \hat{A}^+ \hat{A}^- D$ branching fraction. Physical Review D, 2005, 71, .	1.6	375
14	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
15	Combined measurements of Higgs boson couplings in proton-proton collisions at $\sqrt{s} = 13, 8 \text{ TeV}$. European Physical Journal C, 2019, 79, 421.	1.4	355
16	Observation of the diphoton decay of the Higgs boson and measurement of its properties. European Physical Journal C, 2014, 74, 3076.	1.4	342
17	Observation of a new boson with mass near 125 GeV in pp collisions at $\sqrt{s} = 7 \text{ TeV}$ and 8 TeV. Journal of High Energy Physics, 2013, 2013, 1.	1.6	320
18	Search for dark matter, extra dimensions, and unparticles in monojet events in proton-proton collisions at $\sqrt{s} = 8 \text{ TeV}$. European Physical Journal C, 2015, 75, 235.	1.4	320

#	ARTICLE	IF	CITATIONS
19	The Physics of the B Factories. European Physical Journal C, 2014, 74, 1.	1.4	292
20	Measurement of the $\langle\sigma\rangle_{\text{had}}^{\text{had}}$ form factor. Physical Review D, 2009, 80, .	2.9	277
21	Search for Invisible Decays of a Dark Photon Produced in $e^+e^- \rightarrow \gamma^* \rightarrow \text{invisible}$ Collisions at $\sqrt{s} = 27.4$ GeV. Physical Review Letters, 2017, 119, 131804.	2.9	272
22	Measurement of the CP Asymmetry Amplitudes $A_{\text{CP}}^{\text{had}}$ in $B \rightarrow \text{had}$ Mesons. Physical Review Letters, 2002, 89, 201802.	2.9	247
23	Evidence of a Broad Structure at an Invariant Mass of 4.32 ± 0.04 GeV in the Reaction $e^+e^- \rightarrow \tau^+\tau^- + \text{had}$ Measured at BABAR. Physical Review Letters, 2007, 98, 212001.	2.9	247
24	Searches for electroweak production of charginos, neutralinos, and sleptons decaying to leptons and W, Z, and Higgs bosons in pp collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2014, 74, 3036.	1.4	241
25	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
26	Precise Measurement of the $\langle\sigma\rangle_{\text{had}}^{\text{had}}$ stretchy="false"> at BABAR. Physical Review Letters, 2009, 103, 231801.	2.9	277
27	Study of $e^+e^- \rightarrow \tau^+\tau^- + \text{had}$ using initial state radiation with BABAR. Physical Review D, 2006, 73, .	1.6	207
28	Evidence for $D^0 - \bar{D}^0$ Mixing. Physical Review Letters, 2007, 98, 211802.	2.9	205
29	Suppression of non-prompt J/ψ , prompt J/ψ , and $\Upsilon(1S)$ in PbPb collisions at $\sqrt{s_{\text{NN}}} = 2.76$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	200
30	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
31	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
32	Spin determination of single-produced resonances at hadron colliders. Physical Review D, 2010, 81, .	1.6	189
33	Centrality dependence of dihadron correlations and azimuthal anisotropy harmonics in PbPb collisions at $\sqrt{s_{\text{NN}}} = 2.76$ 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 collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2014, 74, 3149.	1.4	179
35	$\langle\sigma\rangle_{\text{had}}^{\text{had}}$ stretchy="false"> at BABAR. Physical Review Letters, 2009, 103, 231801.	2.9	173
36	$\langle\sigma\rangle_{\text{had}}^{\text{had}}$ stretchy="false"> at BABAR. Physical Review Letters, 2009, 103, 231801.		

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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 $B \rightarrow K^* K$ Decays. <i>Physical Review Letters</i> , 2004, 93, 131801.	2.9	167
41	Measurements of $e^+e^- \rightarrow e^+e^- K^* K$. <i>Physical Review D</i> , 2008, 77, .	1.6	163
42	Spin and parity of a single-produced resonance at the LHC. <i>Physical Review D</i> , 2012, 86, .	1.6	159
43	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
44	Study of the inclusive production of charged pions, kaons, and protons in pp collisions at $\sqrt{s} = 0.9, 2.76, 7$ TeV. <i>European Physical Journal C</i> , 2012, 72, 1.	1.4	154
45	Search for Dimuon Decays of a Light Scalar Boson in Radiative Transitions $\gamma \rightarrow \mu^+ \mu^-$. <i>Physical Review Letters</i> , 2009, 103, 081803.	2.9	153
46	Evidence for the decay $X \rightarrow 3872 \rightarrow T_j \text{ETQq} 0 0 \text{rgBT} / \text{Overlock} 10 \text{Tf} 50 377 \text{Td}$. <i>Physical Review D</i> , 2010, 82, .	1.6	147
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 $B \rightarrow X_s \gamma$ Branching Fraction with a Sum over Exclusive Modes. <i>Physical Review Letters</i> , 2004, 93, 081802.	2.9	146
50	Precise measurement of the $e^+e^- \rightarrow e^+e^- K^* K$. <i>Physical Review D</i> , 2008, 77, .		

#	ARTICLE	IF	CITATIONS
55	Study of the $e^+e^- \rightarrow \tau^+\tau^- \gamma$ process using initial state radiation with BABAR. <i>Physical Review D</i> , 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 $B \rightarrow K^* \ell^+ \ell^- \gamma$. <i>Physical Review D</i> , 2006, 73, .	1.6	137
57	Search for doubly charmed baryons Λ_{cc}^+ and Σ_{cc}^+ in BABAR. <i>Physical Review D</i> , 2006, 74, .	1.6	135
58	Prompt and non-prompt J/ψ production in pp collisions at $\sqrt{s} = 7$ TeV. <i>European Physical Journal C</i> , 2011, 71, 1.	1.4	135
59	Study of time-dependent CP-violating asymmetries and flavor oscillations in neutral B decays at the $\Upsilon(4S)$. <i>Physical Review D</i> , 2002, 66, .	1.6	134
60	Observation of χ_{c0} production in pp collisions at $\sqrt{s} = 7$ TeV. <i>Physical Review Letters</i> , 2011, 106, 112001.	2.9	133
61	A search for a doubly-charged Higgs boson in pp collisions at $\sqrt{s} = 7$ TeV. <i>European Physical Journal C</i> , 2012, 72, 1.	1.4	129
62	The $e^+e^- \rightarrow 3\tau$, $2\tau\gamma$ and $K^+K^-2\tau$ 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, .	1.6	128
63	Measurement of differential top-quark-pair production cross sections in pp collisions at $\sqrt{s} = 7$ TeV. <i>European Physical Journal C</i> , 2013, 73, 1.	1.4	125
64	Search for Lepton Flavor Violation in the Decay $\tau \rightarrow \mu \gamma$. <i>Physical Review Letters</i> , 2005, 95, 041802.	2.9	124
65	Precision luminosity measurement in proton collisions at $\sqrt{s} = 13, 14$ TeV in 2015 and 2016 at CMS. <i>European Physical Journal C</i> , 2021, 81, 800.	1.4	123
66	Measurements of Branching Fractions and CP-Violating Asymmetries in $B \rightarrow \tau^+\tau^-$, $K \rightarrow \tau^+\tau^-$, $K \rightarrow K^*\tau^+\tau^-$ Decays. <i>Physical Review Letters</i> , 2002, 89, 281802.	2.9	122
67	Rates, Polarizations, and Asymmetries in Charmless Vector-Vector Meson Decays. <i>Physical Review Letters</i> , 2003, 91, 171802.	2.9	122
68	Structure at 2175 MeV in $e^+e^- \rightarrow \tau^+\tau^- f_0(980)$ observed via initial-state radiation. <i>Physical Review D</i> , 2006, 74, .	1.6	122
69	Search for the $Z \rightarrow \tau^+\tau^- \gamma$ process. <i>Physical Review Letters</i> , 2011, 106, 112001.	2.9	122
70	Observation of new resonances decaying to $\tau^+\tau^-$ in pp collisions at $\sqrt{s} = 7$ TeV. <i>Physical Review Letters</i> , 2011, 106, 112001.	1.6	122
71	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.	1.6	122
72	Study of $e^+e^- \rightarrow \tau^+\tau^- \gamma$ process using initial-state radiation at BABAR. <i>Physical Review D</i> , 2013, 87, .	1.6	122

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73	CMS tracking performance results from early LHC operation. European Physical Journal C, 2010, 70, 1165-1192.	1.4	120
74	$e^+e^- \rightarrow \tau^+ \tau^- \ell^+ \ell^-$, $K^+ K^- \ell^+ \ell^-$, and $K^+ K^- K^+ K^-$ 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
75	Observation of Time-Reversal Violation in the $B \rightarrow 0$ Meson System. Physical Review Letters, 2012, 109, 211801.	2.9	118
76	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
77	Study of $e^+e^- \rightarrow \tau^+ \tau^- e^+ e^-$ 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	117
78	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
79	Study of resonances in exclusive $B \rightarrow D^* \ell^+ \ell^-$ decays to $B \rightarrow D^* \ell^+ \ell^-$ decays to $B \rightarrow D^* \ell^+ \ell^-$. Physical Review D, 2007, 75, 034004.	1.6	116
80	Search for $B \rightarrow X(3872) K^+ X(3872) \ell^+ \ell^-$. Physical Review D, 2006, 74, .	1.6	113
81	Search for $B \rightarrow X(3872) K^+ X(3872) \ell^+ \ell^-$. Physical Review D, 2006, 74, .	1.6	113
82	Measurement of branching fractions and rates asymmetries in the rare decays $B \rightarrow K^* \ell^+ \ell^-$ and invisible decays $B \rightarrow X \ell^+ \ell^-$. Physical Review D, 2012, 86, .	1.6	112
83	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
84	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
85	Observation of an Excited Charm Baryon $\Lambda_c^* \rightarrow \Lambda_c \ell^+ \ell^-$. Physical Review Letters, 2006, 97, 232001.	2.9	102
86	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
87	Measurement of the $B \rightarrow K^* \ell^+ \ell^-$ branching fraction and rates asymmetries in the rare decays $B \rightarrow K^* \ell^+ \ell^-$ and invisible decays $B \rightarrow X \ell^+ \ell^-$. Physical Review D, 2012, 86, .	1.6	100
88	Measurement of the $B \rightarrow K^* \ell^+ \ell^-$ branching fraction and rates asymmetries in the rare decays $B \rightarrow K^* \ell^+ \ell^-$ and invisible decays $B \rightarrow X \ell^+ \ell^-$. Physical Review D, 2011, 84, .	1.6	100
89	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
90	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

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91	Search for Lepton Flavor Violation in the Decay $\tilde{\nu}_\tau \rightarrow e \tilde{\nu}_\tau$. Physical Review Letters, 2006, 96, 041801.	2.9	98
92	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
93	Dalitz-plot analysis of the decays $B \rightarrow K \pi \pi$. Physical Review D, 2005, 72, .	1.6	97
94	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
95	Constraining anomalous $H \rightarrow V \rightarrow V$ interactions at proton and lepton colliders. Physical Review D, 2014, 89, .	1.6	97
96	Study of D_s decays to $D^* K$ in inclusive e^+e^- interactions. Physical Review D, 2009, 80, .	1.6	96
97	Improved Measurement of CP Asymmetries in $B^0 \rightarrow (cc) K^0$ Decays. Physical Review Letters, 2005, 94, 161803.	2.9	95
98	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
99	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
100	Measurement of time-dependent $C P$ asymmetry in $B^0 \rightarrow K^0 \pi^0$ decays. Physical Review D, 2004, 70, 034002.	1.6	95

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109	Study of double parton scattering using $W + 2$ -jet events in proton-proton collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	1.6	85
110	Search for massive resonances in dijet systems containing jets tagged as W or Z boson decays in pp collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	1.6	85
111	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
112	Study of the $X(3872)$ and $Y(4260)$ in $B_0 \rightarrow J/\psi \bar{K}^0$ and $B^+ \rightarrow J/\psi \bar{K}^+$ decays. Physical Review D, 2006, 73, 1.6	1.6	84
113	Study of the exclusive initial-state-radiation production of the D^* system. Physical Review D, 2007, 76, .	1.6	84
114	Study of the reaction $e^+e^- \rightarrow D^* \bar{D}^* + \text{initial-state radiation}$ at BABAR. Physical Review D, 2012, 86, .	1.6	84
115	Measurements of the Mass and Width of the \hat{c} -Meson and of an $\hat{c}(2S)$ Candidate. Physical Review Letters, 2004, 92, 142002.	2.9	83
116	Exclusive initial-state-radiation production of the $D\bar{D}^*$, $D^*D\bar{D}^*$, and $D^*D\bar{D}^*$ systems. Physical Review D, 2009, 79, .	1.6	83
117	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
118	Measurement of the differential cross section and charge asymmetry for inclusive $W^{\pm} + X$ production at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2016, 76, 469.	1.4	83
119	Measurement of prompt and nonprompt charmonium suppression in $\sqrt{s} = 5.02$ TeV collisions at the LHC. European Physical Journal C, 2018, 78, 509.	1.4	83
120	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
121	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. Journal of High Energy Physics, 2018, 2018, 1.	1.6	82
122	Evidence for the $b(1S)$ Meson in Radiative $\Upsilon(2S)$ Decay. Physical Review Letters, 2009, 103, 161801.	2.9	81
123	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
124	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
125	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
126	Observation of a narrow meson decaying to $D_s + \Omega^3$ at a mass of 2.458 GeV/c ² . Physical Review D, 2004, 69, .	1.6	80

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127	Search for a charged partner of the $X(3872)$ in the B meson decay $B \rightarrow X^+ K, X^+ \pi$. <i>Physical Review D</i> , 2005, 71, .	1.6	80
128	Measurement of $D^0 \rightarrow D^+ \pi^-$ Mixing Parameters Using $D^0 \rightarrow K^0 \pi^+ \pi^-$ and $D^0 \rightarrow K^0 K^+ K^-$ Decays. <i>Physical Review Letters</i> , 2010, 105, 081803.	2.9	80
129	Measurement of the Cabibbo-Kobayashi-Maskawa Angle β in $D^0 \rightarrow \pi^+ \pi^-$ Decays with a Dalitz Analysis of $D^0 \rightarrow K^0 \pi^+ \pi^-$. <i>Physical Review Letters</i> , 2005, 95, 121802.	2.9	79
130	Constraining anomalous Higgs boson couplings to the heavy-flavor fermions using matrix element techniques. <i>Physical Review D</i> , 2016, 94, .	1.6	79
131	Study of excited charm-strange baryons with evidence for new baryons Λ_c^+ . <i>Physical Review Letters</i> , 2016, 116, 022001.	2.9	78
132	Precision Measurement of the $B \rightarrow \pi^0 \pi^0$ Energy Spectrum, Branching Fraction, and Direct CP Asymmetry. <i>Physical Review Letters</i> , 2016, 116, 022001.	2.9	78
133	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.	1.6	78
134	Search for production of four top quarks in final states with same-sign or multiple leptons in proton-proton collisions at $\sqrt{s} = 13$ TeV. <i>European Physical Journal C</i> , 2020, 80, 75.	1.4	78
135	Time-integrated and time-dependent angular analyses of $B \rightarrow \pi^0 \pi^0$: A measurement of $\cos^2 \delta_2$ with no sign ambiguity from strong phases. <i>Physical Review D</i> , 2005, 71, .	1.6	77
136	Improved measurement of the CKM angle β . <i>Physical Review Letters</i> , 2005, 95, 121802.	1.6	77
137	Studies of azimuthal dihadron correlations in ultra-central PbPb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	1.6	77
138	Study of $B \rightarrow \pi^0 \pi^0$ violation in Dalitz-plot analyses of $B \rightarrow \pi^0 \pi^0$. <i>Physical Review Letters</i> , 2005, 95, 121802.	1.6	76
139	Study of exclusive two-photon production of $W^+ W^-$ in pp collisions at $\sqrt{s} = 7$ TeV and constraints on anomalous quartic gauge couplings. <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	1.6	75
140	Studies of dijet transverse momentum balance and pseudorapidity distributions in pPb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. <i>European Physical Journal C</i> , 2014, 74, 1.	1.4	75
141	Measurement of the $W^+ W^-$ cross section in pp collisions at $\sqrt{s} = 8$ TeV and limits on anomalous gauge couplings. <i>European Physical Journal C</i> , 2016, 76, 401.	1.6	74
142	Measurement of the $W^+ W^-$ cross section in pp collisions at $\sqrt{s} = 8$ TeV and limits on anomalous gauge couplings. <i>European Physical Journal C</i> , 2016, 76, 401.	1.4	74
143	Study of $B \rightarrow \pi^0 \pi^0$ violation in Dalitz-plot analyses of $B \rightarrow \pi^0 \pi^0$. <i>Physical Review D</i> , 2012, 86, .	1.6	73
144	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.	1.6	73

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145	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.	1.4	73
146	Search for additional neutral MSSM Higgs bosons in the \tilde{l}_1, \tilde{l}_2 final state in proton-proton collisions at $\sqrt{s}=13$ TeV. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	1.6	73
147	Angular distributions in the decay $B \rightarrow \hat{t}^* K$. <i>Physical Review D</i> , 2009, 79, 074004.	1.6	72
148	Observation of the $B \rightarrow \hat{t}^* P$ decays with hadronic Btags. <i>Physical Review D</i> , 2013, 88, .	1.6	72
149	Evidence of $B \rightarrow \hat{t}^* \tilde{l}_{1,2}$ decays with hadronic Btags. <i>Physical Review D</i> , 2013, 88, .	1.6	72
150	Measurements of the Absolute Branching Fractions of $B \rightarrow \hat{t}^* K^* \tilde{c} \tilde{c}^*$. <i>Physical Review Letters</i> , 2006, 96, 052002.	2.9	71
151	Search for T, CP, and CPT Violation in $B \rightarrow \tilde{t}^* \tilde{t}$ Mixing with Inclusive Dilepton Events. <i>Physical Review Letters</i> , 2006, 96, 251802.	2.9	71
152	Measurement of the $B \rightarrow \hat{t}^* K^* \tilde{c} \tilde{c}^*$ Cross Section between $B \rightarrow \hat{t}^* K^* \tilde{c} \tilde{c}^*$. <i>Physical Review Letters</i> , 2009, 102, 012001.	2.9	71
153	Measurement of the $B \rightarrow \hat{t}^* K^* \tilde{c} \tilde{c}^*$ Decay Amplitudes. <i>Physical Review Letters</i> , 2004, 93, 231804.	2.9	70
154	Measurement of the $B \rightarrow \hat{t}^* p \tilde{t}^* K^+$ branching fraction and study of the decay dynamics. <i>Physical Review D</i> , 2005, 72, .	1.6	70
155	Direct $B \rightarrow \hat{t}^* P$, Lepton Flavor, and Isospin Asymmetries in the Decays $B \rightarrow \hat{t}^* K$. <i>Physical Review D</i> , 2009, 79, 074004.	2.9	70
156	Search for $B \rightarrow \hat{t}^* K^* \tilde{c} \tilde{c}^*$ against $B \rightarrow \hat{t}^* K^* \tilde{c} \tilde{c}^*$. <i>Physical Review D</i> , 2010, 81, .	1.6	70
157	Search for Low-Mass Dark-Sector Higgs Bosons. <i>Physical Review Letters</i> , 2012, 108, 211801.	2.9	70
158	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.	1.6	70
159	Searches for physics beyond the standard model with the M_{eff} variable in hadronic final states with and without disappearing tracks in proton-proton collisions at $\sqrt{s}=13$ TeV. <i>European Physical Journal C</i> , 2020, 80, 3.	1.4	70
160	Evidence for direct $B \rightarrow \hat{t}^* P$ violation from Dalitz-plot analysis of $B \rightarrow \hat{t}^* K^* \tilde{c} \tilde{c}^*$. <i>Physical Review D</i> , 2008, 78, .	1.6	69
161	Measurement of the $\overline{t} t$ 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
162	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

#	ARTICLE	IF	CITATIONS
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164	Measurement of the $B \rightarrow X s \gamma$ branching fraction and photon energy spectrum using the recoil method. Physical Review D, 2008, 77, .	1.6	68
165	Search for anomalous production of multilepton events in pp collisions at $\sqrt{s} = 7, \text{TeV}$. Journal of High Energy Physics, 2012, 2012, 1.	1.6	68
166	Search for a standard-model-like Higgs boson with a mass in the range 145 to 1000 GeV at the LHC. European Physical Journal C, 2013, 73, 2469.	1.4	68
167	Measurement of the differential and double-differential Drell-Yan cross sections in proton-proton collisions at $\sqrt{s} = 7 \text{ TeV}$. Journal of High Energy Physics, 2013, 2013, 1.	1.6	68
168	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. European Physical Journal C, 2015, 75, 186.	1.4	68
169	Measurement of the $t \bar{t} \rightarrow t \bar{t} \gamma$ production cross section, the top quark mass, and the strong coupling constant using dilepton events in pp collisions at. European Physical Journal C, 2019, 79, 368.	1.4	68
170	Measurement of the $\hat{a}_1 \rightarrow \rho \pi$ transition form factors at $q^2 = 112 \text{ MeV}^2$. Physical Review D, 2006, 74, .	1.6	67
171	Measurement of the $B \rightarrow V c \bar{c}$ branching fraction and the Form-Factor Slope in $B \rightarrow V c \bar{c}$ decays. Physical Review D, 2012, 86, .	2.9	67
172	Evidence for the Rare Decay $B \rightarrow K^* \tau^+ \tau^-$ and Measurement of the $B \rightarrow K^* \tau^+ \tau^-$ Branching Fraction. Physical Review Letters, 2003, 91, 221802.	2.9	65
173	Search for CP Violation in the Decays $D \rightarrow \tau^+ K^0$ and $D \rightarrow \tau^+ \bar{K}^0$. Physical Review Letters, 2008, 100, 061803.	2.9	65
174	Long-range and short-range dihadron angular correlations in central PbPb collisions at $\sqrt{s_{NN}} = 2.76 \text{ TeV}$. Journal of High Energy Physics, 2011, 2011, 1.	1.6	65
175	Branching fraction and form-factor shape measurements of exclusive charmless semileptonic $B \rightarrow V \ell^+ \ell^-$ decays, and determination of $B \rightarrow V \ell^+ \ell^-$ branching fractions. Physical Review D, 2012, 86, .	1.6	65
176	Measurement of differential cross sections for the production of a pair of isolated photons in pp collisions at $\sqrt{s} = 7, \text{TeV}$. European Physical Journal C, 2014, 74, 3129.	1.4	65
177	Search for $B \rightarrow \tau^+ \nu_\tau$ decays with hadronic B tags. Physical Review D, 2008, 77, .	1.6	64
178	Exclusive Branching-Fraction Measurements of Semileptonic $B \rightarrow \tau^+ \nu_\tau$ Decays into Three Charged Hadrons, $B \rightarrow \tau^+ \nu_\tau \ell^+ \ell^-$, and $B \rightarrow \tau^+ \nu_\tau \ell^+ \ell^-$. Physical Review Letters, 2008, 100, 011801.	2.9	64
179	Measurement of the sum of WW and WZ production with W+dijet events in pp collisions at $\sqrt{s} = 7 \text{ TeV}$. European Physical Journal C, 2013, 73, 2283.	1.4	64
180	Search for new physics in same-sign dilepton events in proton-proton collisions at $\sqrt{s} = 13, \text{TeV}$. European Physical Journal C, 2016, 76, 439.	1.4	64

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181	Measurement of the electron energy spectrum and its moments in inclusive $B \rightarrow e \nu_e$ decays. Physical Review D, 2004, 69, .	1.6	63
182	Dalitz plot analysis of the decay $B \rightarrow \pi^+ K^0 K^0$. Physical Review D, 2006, 74, .	1.6	63
183	Measurement of the cross section $\sigma(e^+e^- \rightarrow \mu^+\mu^-e^+e^-)$ in the energy range from 3.0 to 6.5 GeV. Physical Review D, 2013, 88, .	1.6	63
184	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
185	Measurement of the $W+W \rightarrow \gamma$ 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
186	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
187	Search for dark matter produced with an energetic jet or a hadronically decaying W or Z boson at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	62
188	Measurement of the inelastic proton-proton cross section at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	62
189	Study of inclusive production of charmonium mesons in B decays. Physical Review D, 2003, 67, .	1.6	61
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191	Measurement of prompt J/ψ pair production in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	1.6	61
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194	Observation of $C \rightarrow P$ Violation in $B \rightarrow \pi^+ \pi^0$ Decays. Physical Review Letters, 2007, 99, 021603.	2.9	59
195	Dalitz plot analysis of $B \rightarrow A \pi^+ \pi^0$ decays. Physical Review D, 2009, 79, .	1.6	59
196	Measurement of the lepton charge asymmetry in inclusive W production in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2011, 2011, 1.	1.6	59
197	Determination of the Branching Fraction for $B \rightarrow X_c \pi^+$ Decays and of $ V_{cb} $ from Hadronic-Mass and Lepton-Energy Moments. Physical Review Letters, 2004, 93, .	2.9	58
198	Observation of $B \rightarrow K^+ K^0$ and $B \rightarrow K^0 K^0$. Physical Review Letters, 2006, 97, 171805.	2.9	58

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199	Measurement of the Branching Fraction and Photon Energy Moments of $B \rightarrow X s \gamma$ and $ACP(B \rightarrow X s \gamma)$. Physical Review Letters, 2006, 97, 171803.	2.9	58
200	Measurements of $B \rightarrow X s \gamma$ and $ACP(B \rightarrow X s \gamma)$. Physical Review Letters, 2006, 97, 171803.	1.6	58
201	Search for anomalous $t \bar{t}$ production in the highly-boosted all-hadronic final state. Journal of High Energy Physics, 2012, 2012, 1.	1.6	58
202	Jet production rates in association with W and Z bosons in pp collisions at $\sqrt{s} = 7 \text{ TeV}$. Journal of High Energy Physics, 2012, 2012, 1.	1.6	58
203	Studies of jet mass in dijet and W/Z + jet events. Journal of High Energy Physics, 2013, 2013, 1.	1.6	58
204	Nuclear effects on the transverse momentum spectra of charged particles in pPb collisions at $\sqrt{s_{NN}} = 5.02 \text{ TeV}$. European Physical Journal C, 2015, 75, 237.	1.4	58
205	Measurement of the weak mixing angle using the forward-backward asymmetry of Drell-Yan events in $p \bar{p}$ collisions at 8 TeV . European Physical Journal C, 2018, 78, 701.	1.4	58
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218	Search for Hadronic Decays of a Light Higgs Boson in the Radiative Decay $\gamma \rightarrow \ell^+ \ell^-$. Physical Review Letters, 2011, 107, 221803.	2.9	55
219	Measurement of masses in the $\overline{t}t$ system by kinematic endpoints in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2013, 73, 2494.	1.4	55
220	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
221	Measurement of the double-differential inclusive jet cross section in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2016, 76, 451.	1.4	55
222	Search for a Low-Mass Higgs Boson in $(3S) \rightarrow \ell^+ \ell^- \gamma$ at BABAR. Physical Review Letters, 2009, 103, 181801.	2.0	54
223	Constraints on parton distribution functions and extraction of the strong coupling constant from the inclusive jet cross section in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2015, 75, 288.	1.4	54
224	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
225	Search for charged Higgs bosons in the $H \rightarrow \ell^+ \ell^- \gamma$ decay channel in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	54
226	Search for supersymmetry in proton-proton collisions at 13 TeV in final states with jets and missing transverse momentum. Journal of High Energy Physics, 2019, 2019, 1.	1.6	54
227	Measurement of branching fractions and CP and isospin asymmetries for $B \rightarrow K^* \ell^+ \ell^-$. Physical Review D, 2004, 70, .	1.6	53
228	Measurement of the $t\bar{t}$ 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
229	Exclusive measurements of $b \rightarrow s \ell^+ \ell^-$ transition rate and photon energy spectrum. Physical Review D, 2012, 86, .	1.6	53
230	Measurement of prompt and nonprompt J/ψ production in pp and pPb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. European Physical Journal C, 2017, 77, 269.	1.4	53
231	Measurement of the hadronic form factor in $D \rightarrow \ell^+ \ell^-$ decays. Physical Review D, 2017, 95, 014004.	1.6	52
232	Measurements of the semileptonic decays $B \rightarrow \ell^+ \ell^- \gamma$ and $B \rightarrow \ell^+ \ell^- \gamma$. Physical Review D, 2017, 95, 014004.	1.6	52
233	Measurement of the $\overline{t}t$ 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
234	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

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236	Measurements of Branching Fractions and CP-Violating Asymmetries in $B \rightarrow \pi^0 \pi^{\pm} \pi^{\mp}$ Decays. Physical Review Letters, 2003, 91, 201802.	2.9	51
237	Study of $B \rightarrow \pi^0 \pi^{\pm} \pi^{\mp}$ and constraints on the CKM angle β . Physical Review D, 2007, 76, .	1.6	51
238	Search for exclusive or semi-exclusive $\hat{\gamma}\hat{\gamma}$ production and observation of exclusive and semi-exclusive $e^+e^- \rightarrow \hat{\gamma}\hat{\gamma}$ production in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	51
239	Search for the associated production of the Higgs boson with a top-quark pair. Journal of High Energy Physics, 2014, 2014, 1.	1.6	51
240	Determination of the form factors for the decay $B \rightarrow \pi^0 \pi^{\pm} \pi^{\mp}$ of the CKM matrix element $ V_{cb} $. Physical Review D, 2008, 77, .	1.6	51
241	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
242	Search for the $Z \rightarrow \tau^+ \tau^-$ decay in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	1.6	50
243	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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245	Study of $B \rightarrow \pi^0 \pi^{\pm} \pi^{\mp}$ and constraints on the CKM angle β . Physical Review D, 2007, 76, .	1.6	49
246	Dalitz plot analysis of $B \rightarrow D^0 \pi^+ \pi^-$. Physical Review D, 2009, 79, .	1.6	49
247	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
248	Search for Production of Invisible Final States in Single-Photon Decays of $B \rightarrow \gamma \nu \bar{\nu}$. Journal of High Energy Physics, 2012, 2012, 1.	2.9	49
249	Search for leptonic decays of W bosons in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	49
250	Production of charged pions, kaons, and protons in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2011, 2011, 1.	1.6	49
251	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
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254	Search for Invisible Decays of the $\tilde{\chi}_1^0$. Physical Review D, 2008, 77, .	2.8	48
255	Search for new physics in events with same-sign dileptons and jets in pp collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	1.6	48
256	Observation of $Y(1S)$ pair production in proton-proton collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	48
257	Search for vector-like quarks in events with two oppositely charged leptons and jets in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2019, 79, 364.	1.4	48
258	Observation of the Decay $B \rightarrow \mu^+ \mu^-$. Physical Review Letters, 2007, 99, 221801.	2.9	47
259	Study of $B \rightarrow \mu^+ \mu^-$ decays. Physical Review D, 2008, 77, .	1.6	47
260	Measurements of Charged Current Lepton Universality and $B \rightarrow \mu^+ \mu^-$ Decays. Physical Review D, 2008, 77, .	2.9	47
261	Limits on $B \rightarrow \mu^+ \mu^-$ lepton-flavor violating decays into three charged leptons. Physical Review D, 2010, 81, .	1.6	47
262	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. Journal of High Energy Physics, 2013, 2013, 1.	1.6	47
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264	Search for new physics with same-sign isolated dilepton events with jets and missing transverse energy at the LHC. Journal of High Energy Physics, 2011, 2011, 1.	1.6	46
265	Search for narrow resonances and quantum black holes in inclusive and b-tagged dijet mass spectra from pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	1.6	46
266	Search for disappearing tracks in proton-proton collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	1.6	46
267	Search for third-generation scalar leptoquarks decaying to a top quark and a μ , lepton at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2018, 78, 707.	1.4	46
268	Measurement of the $B \rightarrow \mu^+ \mu^-$ branching fraction. Physical Review D, 2007, 76, .	1.6	45
269	Time-dependent and time-integrated angular analysis of $B \rightarrow \mu^+ \mu^-$ decays. Physical Review D, 2008, 78, .	1.6	45
270	Measurement of the $B \rightarrow \mu^+ \mu^-$ form factor. Physical Review D, 2010, 81, .	1.6	45

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272	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
273	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
274	Search for a light charged Higgs boson decaying to $c\bar{s}$ in pp collisions at $\sqrt{s} = 8 \text{ TeV}$. Journal of High Energy Physics, 2015, 2015, 1-37.	1.6	44
275	Search for decays of stopped long-lived particles produced in proton-proton collisions at $\sqrt{s} = 8 \text{ TeV}$. European Physical Journal C, 2015, 75, 151.	1.4	44
276	Search for standard model production of four top quarks with same-sign and multilepton final states in proton-proton collisions at $\sqrt{s} = 13 \text{ TeV}$. European Physical Journal C, 2018, 78, 140.	1.4	44
277	Search for the Decay $B \rightarrow K^{*0} \ell^+ \ell^-$. Physical Review Letters, 2005, 94, 101801.	2.9	43
278	Improved Limits on the Lepton-Flavor Violating Decays $B \rightarrow \ell^+ \ell'^- \ell \ell'$. Physical Review Letters, 2007, 99, 251803.	2.9	43
279	Dalitz plot analysis of $D \rightarrow K^+ \ell^+ \ell^-$. Physical Review D, 2011, 83, .		
280	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
281	Identification techniques for highly boosted W bosons that decay into hadrons. Journal of High Energy Physics, 2014, 2014, 1.	1.6	43
282	Constraints on the pMSSM, AMSB model and on other models from the search for long-lived charged particles in proton-proton collisions at $\sqrt{s} = 8 \text{ TeV}$. European Physical Journal C, 2015, 75, 325.	1.4	43
283	Search for natural and split supersymmetry in proton-proton collisions at $\sqrt{s} = 13 \text{ TeV}$ in final states with jets and missing transverse momentum. Journal of High Energy Physics, 2018, 2018, 1.	1.6	43
284	Observation of $B \rightarrow K^* \ell^+ \ell^-$ Decays to $B \rightarrow K^* \ell^+ \ell^- (1S)$ and $B \rightarrow K^* \ell^+ \ell^- (2S)$. Physical Review Letters, 2006, 96, 232001.	2.9	42
285	Observation of $B \rightarrow K^* \ell^+ \ell^-$ Meson Decay to $B \rightarrow K^* \ell^+ \ell^- (1260)$. Physical Review Letters, 2006, 97, 051802.	2.9	42
286	Search for Lepton Flavor Violating Decays $B \rightarrow \ell^+ \ell'^- \ell \ell'$, $B \rightarrow \ell^+ \ell'^- \ell \ell'$, $B \rightarrow \ell^+ \ell'^- \ell \ell'$. Physical Review Letters, 2007, 98, 061803.	2.9	42
287	Time-dependent amplitude analysis of $B \rightarrow K^* \ell^+ \ell^-$. Physical Review D, 2009, 80, .	1.6	42
288	Searches for rare or forbidden semileptonic charm decays. Physical Review D, 2011, 84, .	1.6	42

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290	Search for di-muon decays of a low-mass Higgs boson in radiative decays of the $\tilde{t} \rightarrow t \gamma$ channel in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	42
291	Evidence for exclusive $\tilde{t} \rightarrow t \gamma$ production and constraints on anomalous quartic gauge couplings in pp collisions at $\sqrt{s}=7$ and 8 TeV. Journal of High Energy Physics, 2016, 2016, 1.	1.6	42
292	Search for vector-like T and B quark pairs in final states with leptons at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	42
293	Search for low mass vector resonances decaying into quark-antiquark pairs in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	42
294	Measurement of the Pseudoscalar Decay Constant f_D Using Charm-Tagged Events in e^+e^- Collisions at $\sqrt{s}=10.58$ GeV. Physical Review Letters, 2007, 98, 141801.	2.9	41
295	Vector-Tensor and Vector-Vector Decay Amplitude Analysis of $B \rightarrow K^* \ell^+ \ell^-$. Physical Review Letters, 2007, 98, 051801.	2.9	41
296	Search for electroweak production of charginos and neutralinos using leptonic final states in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	41
297	Measurement of C and P asymmetries and branching fractions in charmless two-body $B \rightarrow \pi \pi$ and $B \rightarrow \pi K$ meson decays to pions and kaons. Physical Review D, 2013, 87, .	1.6	41
298	Measurement of the $\overline{t}t$ production cross section in the $e \ell^+ \ell^-$ channel in proton-proton collisions at $\sqrt{s}=7$ and 8 TeV. Journal of High Energy Physics, 2016, 2016, 1.	1.6	41
299	Measurement of the $\overline{t}t$ production cross section in the all-jets final state in pp collisions at $\sqrt{s}=8$ and $\sqrt{s}=13$ TeV. European Physical Journal C, 2016, 76, 128.	1.4	41
300	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. Journal of High Energy Physics, 2017, 2017, 1.	1.6	41
301	Study of the Decay $B \rightarrow \pi^+ \pi^- \ell^+ \ell^-$, and Constraints on the Cabibbo-Kobayashi-Maskawa Angle β . Physical Review Letters, 2004, 93, 231801.	2.9	40
302	Search for $B \rightarrow \pi^+ \pi^- \ell^+ \ell^-$. Physical Review D, 2007, 76, .	1.6	40
303	Search for same-sign top-quark pair production at $\sqrt{s}=7$ TeV and limits on flavour changing neutral currents in the top sector. Journal of High Energy Physics, 2011, 2011, 1.	1.6	40
304	Measurement of the $\overline{t}t$ production cross section using events in the $e \mu e \ell^+ \ell^-$ final state in pp collisions at $\sqrt{s}=13$ TeV. European Physical Journal C, 2017, 77, 172.	1.4	40
305	Search for new physics in dijet angular distributions using proton-proton collisions at $\sqrt{s}=13$ TeV and constraints on dark matter and other models. European Physical Journal C, 2018, 78, 789.	1.4	40
306	Measurement of the top quark mass in the all-jets final state at $\sqrt{s}=13$ TeV and combination with the lepton+jets channel. European Physical Journal C, 2019, 79, 313.	1.4	40

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308	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
309	Limits on the decay-rate difference of neutral B mesons and on CP, T, and CPT violation in B _s oscillations. Physical Review D, 2004, 70, .	1.6	39
310	Measurements of Branching Fractions and Time-Dependent CP-Violating Asymmetries in B [±] → K Decays. Physical Review Letters, 2005, 94, 191802.	2.9	39
311	Branching Fractions and CP Asymmetries in B ⁰ → D _s B _s → D _s Decays and Isospin Analysis of the B ⁰ → D _s System. Physical Review Letters, 2005, 94, 181802.	2.9	39
312	Measurements of CP-Violating Asymmetries in the B ⁰ → D _s System. Physical Review Letters, 2007, 99, 161802.	2.9	39
313	Measurement of CP Violation Parameters with a Dalitz Plot Analysis of B [±] → D _s K [±] . Physical Review Letters, 2007, 99, 251801.	2.9	39
314	Improved measurements of the branching fractions for B ⁰ → D _s and B ⁰ → D _s K [±] , and a search for B ⁰ → D _s K [±] . Physical Review D, 2007, 75, .	1.6	39
315	Measurement of B ⁰ → D _s Mixing from a Time-Dependent Amplitude Analysis of B ⁰ → D _s Mixing. Physical Review Letters, 2007, 99, 161802.	2.9	39
316	Search for resonances in the dilepton mass distribution in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2011, 2011, 1.	1.6	39
317	Inclusive b-jet production in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	39
318	Measurement of the Z → b-jet cross section in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	39
319	Measurement of the Z → b-jet cross section in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	39
320	Search for the standard model Higgs boson produced in association with a top-quark pair in pp collisions at the LHC. Journal of High Energy Physics, 2013, 2013, 1.	1.6	39
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327	Search for heavy stable charged particles in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2011, 2011, 1.	1.6	38
328	Measurement of the top-quark mass in $t\bar{t}$ events with lepton+jets final states in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	38
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333	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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335	Measurement of the $B^0 \rightarrow \bar{K}^0 \pi^+ \pi^-$ Branching Fraction and Determination of $ V_{ub} $ with Tagged B Mesons. Physical Review Letters, 2006, 97, 211801.	2.9	37
336	Measurement of decay amplitudes of $B^0 \rightarrow \bar{K}^0 \pi^+ \pi^-$. Physical Review Letters, 2006, 97, 211801.	2.9	37
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338	Measurement of the τ production cross section in pp collisions at $\sqrt{s} = 7$ TeV using the kinematic properties of events with leptons and jets. European Physical Journal C, 2011, 71, 1.	1.4	37
339	Searches for third-generation squark production in fully hadronic final states in proton-proton collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	1.6	37
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341	Search for a new scalar resonance decaying to a pair of Z bosons in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	37
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380	Search for CP violation in the decay $B \rightarrow \pi^0 \pi^0$ in $B \rightarrow \pi^0 \pi^0$ decays. $\text{stretchy="false"} (\langle /mml:mo \rangle \langle mml:msup \rangle \langle mml:mn \rangle 1 \langle /mml:mn \rangle \langle mml:mn \rangle 3 \langle /mml:mn \rangle \langle /mml:msup \rangle \langle mml:msub \rangle \langle mml:mj \rangle D \langle /mml:mj \rangle \langle /mml:mo \rangle$	1.6	33
381	Search for CP violation in the decay $B \rightarrow \pi^0 \pi^0$ in $B \rightarrow \pi^0 \pi^0$ decays. $\text{stretchy="false"} (\langle /mml:mo \rangle \langle mml:msup \rangle \langle mml:mn \rangle 1 \langle /mml:mn \rangle \langle mml:mn \rangle 3 \langle /mml:mn \rangle \langle /mml:msup \rangle \langle mml:msub \rangle \langle mml:mj \rangle D \langle /mml:mj \rangle \langle /mml:mo \rangle$	1.6	33
382	Search for CP violation in the decay $B \rightarrow \pi^0 \pi^0$ in $B \rightarrow \pi^0 \pi^0$ decays. $\text{stretchy="false"} (\langle /mml:mo \rangle \langle mml:msup \rangle \langle mml:mn \rangle 1 \langle /mml:mn \rangle \langle mml:mn \rangle 3 \langle /mml:mn \rangle \langle /mml:msup \rangle \langle mml:msub \rangle \langle mml:mj \rangle D \langle /mml:mj \rangle \langle /mml:mo \rangle$	1.6	33
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393	Measurements of CP-Violating Asymmetries in $B \rightarrow \pi^0 \pi^0$ Decays. Physical Review Letters, 2007, 98, 181803.	2.9	32
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396	Study of $B \rightarrow \pi^0 \pi^0$ and determination of $B \rightarrow \pi^0 \pi^0$ decays. $\text{stretchy="false"} (\langle /mml:mo \rangle \langle mml:msub \rangle \langle mml:mi \rangle V \langle /mml:mi \rangle \langle mml:mrow \rangle \langle mml:mi \rangle t \langle /mml:mi \rangle \langle mml:mi \rangle d \langle /mml:mi \rangle \langle /mml:mrow \rangle$	1.6	32

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414	Study of $B^0 \rightarrow D^*(*) D_s(J)^{(*)}$ decays and measurement of $D_s^* \rightarrow D_s$ and $D_s(J)^{(*)} \rightarrow D_s$ branching fractions. Physical Review D, 2006, 74, .	1.6	30

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419	Measurement of time-dependent $B \rightarrow \bar{c} \ell \nu$ asymmetry parameters. Physical Review D, 2008, 78, .	2.9	30
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429	Study of $B \rightarrow \bar{c} \ell \nu$ decays and determination of $ V_{ub} $. Physical Review D, 2005, 72, .	1.6	29
430	Observation of CP Violation in $B \rightarrow \bar{c} \ell \nu$ Decays. Physical Review Letters, 2007, 98, 031801.	2.9	29
431	Search for $D \rightarrow \bar{D}^0$ mixing using doubly flavor tagged semileptonic decay modes. Physical Review D, 2007, 76, .	1.6	29
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435	Measurement of the $B^0 \rightarrow \pi^+ \pi^-$ and $B^0 \rightarrow \pi^+ \pi^0$ branching fractions, the $B^0 \rightarrow \pi^+ \pi^-$ form-factor slope determination of $ V_{ub} $. Physical Review D, 2011, 83, .	1.6	29
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440	Search for lepton flavour violating decays of the Higgs boson to $\tau^+ \mu^-$, and $e \mu$, in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	29
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448	Measurement of the branching fraction, polarization, and asymmetries in $B^0 \rightarrow C^+ P^-$ decays. Physical Review Letters, 2008, 101, 011801.	1.6	28
449	Measurement of the branching fraction, polarization, and asymmetries in $B^0 \rightarrow C^+ P^-$ decays and implications for the CKM angle α . Physical Review D, 2008, 78, .	1.6	28
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458	Measurements of the branching fractions of charged B decays to $\overline{K}^* \ell^{\pm} \nu$ final states. Physical Review D, 2004, 70, .	1.6	27
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547	Measurement of the branching fraction and time-dependent CP asymmetry in the decay $B_0 \rightarrow \pi^+ D^{*+} D^{\pm} K_S^0$. Physical Review D, 2006, 74, .	1.6	22
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564	Search for the Rare Decay $B \rightarrow \tau^+ \tau^- \ell^+ \ell^-$. Physical Review Letters, 2007, 99, 051801.	1.6	21
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588	Measurement of the Time-Dependent CP Asymmetry in the $B^0 \rightarrow \pi^0 K^0$ Decay. Physical Review Letters, 2004, 93, 071801.	2.9	19
589	Dalitz plot analysis of $D^0 \rightarrow K^+ K^- K^0$. Physical Review D, 2005, 72, .	1.6	19
590	Search for $B^0 \rightarrow \pi^+ \pi^- D^0 K^0$ and $B^0 \rightarrow \pi^+ \pi^- D^+ K^0$. Physical Review D, 2005, 72, .	1.6	19
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592	Observation of $B \rightarrow \pi^+ \pi^- \pi^0$ meson decays to $B \rightarrow \pi^+ \pi^- \pi^0$ and improved measurements for $B \rightarrow \pi^+ \pi^- \pi^0$ and $B \rightarrow \pi^+ \pi^- \pi^0$. Physical Review Letters, 2009, 93, 071801.	1.6	19
593	Observation of $B \rightarrow \pi^+ \pi^- \pi^0$ and $B \rightarrow \pi^+ \pi^- \pi^0$. Physical Review Letters, 2009, 93, 071801.	1.6	19
594	Observation of $B \rightarrow \pi^+ \pi^- \pi^0$ and $B \rightarrow \pi^+ \pi^- \pi^0$. Physical Review Letters, 2009, 93, 071801.	1.6	19

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600	Observation of $B \rightarrow 0, B \rightarrow l^+ l^-$, and $B \rightarrow l^+ K$ and Study of Related Decays. <i>Physical Review Letters</i> , 2004, 92, 061801.	2.9	18
601	Search for Flavor-Changing Neutral Current and Lepton-Flavor Violating Decays of $D \rightarrow l^+ l^-$. <i>Physical Review Letters</i> , 2004, 93, 191801.	2.9	18
602	Search for $D \rightarrow D^0$ Mixing and Branching-Ratio Measurement in the Decay $D \rightarrow K^+ l^- l^0$. <i>Physical Review Letters</i> , 2006, 97, 221803.	2.9	18
603	Observation of B Meson Decays to $l^+ l^- K$. <i>Physical Review Letters</i> , 2007, 99, 241803.	2.9	18
604	Search for Lepton Flavor Violating Decays $l^+ l^- l^+ l^-$. <i>Physical Review Letters</i> , 2008, 100, 071802.	2.9	18
605	Measurements of time-dependent asymmetries in $B \rightarrow 0$ decays. <i>Physical Review Letters</i> , 2004, 92, 061801.	1.6	18
606	Measurement of the semileptonic decays $B \rightarrow l^+ l^-$, $B \rightarrow l^+ l^-$, and $B \rightarrow D^* l^+ l^-$. <i>Physical Review D</i> , 2009, 79, 113001.	1.6	18
607	Improved limits on $B \rightarrow 0$ decays to invisible. <i>Physical Review Letters</i> , 2009, 99, 241803.	1.6	18
608	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.	1.6	18
609	Decomposing transverse momentum balance contributions for quenched jets in PbPb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	1.6	18
610	Search for direct pair production of supersymmetric top quarks decaying to all-hadronic final states in pp collisions at $\sqrt{s} = 8$ TeV. <i>European Physical Journal C</i> , 2016, 76, 460.	1.4	18
611	Measurement of normalized differential $\overline{\sigma}(\tau)$ cross sections in the dilepton channel from pp collisions at $\sqrt{s} = 13$ TeV. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	1.6	18
612	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.	1.6	18

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614	Measurement of differential cross sections for inclusive isolated-photon and photon+jet production in proton-proton collisions at $\sqrt{s} = 13, \text{ext } \{TeV\}$ $s = 13$ TeV. European Physical Journal C, 2019, 79, 20.	1.4	18
615	Measurement of the differential Drell-Yan cross section in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	18
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618	Search for low-mass dilepton resonances in Higgs boson decays to four-lepton final states in proton-proton collisions at $\sqrt{s} = 13, \text{ext } \{TeV\}$ $s = 13$ TeV. European Physical Journal C, 2022, 82, 290.	1.4	18
619	Direct CP violation searches in charmless hadronic B meson decays. Physical Review D, 2002, 65, .	1.6	17
620	Measurements of branching fractions in $B \rightarrow K \pi \pi$ and search for direct CP violation in $B \rightarrow K \pi \pi$. Physical Review D, 2004, 69, .	1.6	17
621	Search for the Rare Leptonic Decay $B \rightarrow \tau \nu$. Physical Review Letters, 2005, 95, 041804.	2.9	17
622	Measurement of Branching Fractions and Charge Asymmetries in $B \rightarrow K \pi \pi$ and Search for $B \rightarrow K \pi \pi$. Physical Review Letters, 2005, 95, 131803.	2.9	17
623	Measurement of $B \rightarrow D^{(*)} K^{*}$ branching fractions. Physical Review D, 2006, 74, .	1.6	17
624	Search for $b \rightarrow u$ transitions in $B \rightarrow D^{*} K^{*}$. Physical Review D, 2009, 80, .	1.6	17
625	Study of the baryonic $B \rightarrow \tau c + p \bar{\Lambda}^0$. Physical Review D, 2012, 86, .	1.6	17
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627	Measurement of the Λ_b^0 lifetime in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	1.6	17
628	Measurement of the natural linewidth and the D_s lifetime for standard model production of four top quarks in the lepton + jets channel in pp collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	1.6	17
629	Search for standard model production of four top quarks in the lepton + jets channel in pp collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	1.6	17
630	Probing color coherence effects in pp collisions at $\sqrt{s} = 7, \text{ext } \{TeV\}$ $s = 7$ TeV. European Physical Journal C, 2014, 74, 2901.	1.4	17

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632	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.	1.6	17
633	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.	1.6	17
634	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.	1.6	17
635	Measurement of electroweak-induced production of $W^{\pm 3}$ 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.	1.6	17
636	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.	1.6	17
637	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.	1.6	17
638	Charged-particle nuclear modification factors in XeXe collisions at $\sqrt{s_{NN}} = 5.44$ TeV. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	1.6	17
639	Search for $Z^{\pm 3}$ 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.	1.6	17
640	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.	1.6	17
641	Search for the decay of a Higgs boson in the $\bar{c}c$ channel in proton-proton collisions at $\sqrt{s} = 13$ TeV. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	1.6	17
642	Measurement of charged particle spectra in minimum-bias events from proton-proton collisions at $\sqrt{s} = 13$ TeV. <i>European Physical Journal C</i> , 2018, 78, 697.	1.4	17
643	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.	1.4	17
644	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.	1.6	17
645	Measurement of the branching fraction and CP-violating asymmetries of $B \rightarrow c \bar{c} s$ and $B \rightarrow c \bar{c} s$. <i>Physical Review Letters</i> , 2003, 90, 221801.	2.9	16
646	Evidence for $B \rightarrow c \bar{c} s$ and Search for $B \rightarrow c \bar{c} s$. <i>Physical Review Letters</i> , 2003, 90, 231801.	2.9	16
648	Branching Fractions and CP Asymmetries in $B \rightarrow c \bar{c} s$ and $B \rightarrow c \bar{c} s$. <i>Physical Review Letters</i> , 2004, 93, 181805.	2.9	16

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651	$B \rightarrow \pi \pi$ meson decays to charmless meson pairs containing $B \rightarrow \pi \pi$ or $B \rightarrow \pi \pi$ Search for the rare leptonic decays $B \rightarrow \mu^+ \mu^-$	2.9	16
652	Inclusive c production in e^+e^- annihilations at $s = 10.54 \text{ GeV}$ and in $\Upsilon(4S)$ decays. Physical Review D, 2007, 75, .	1.6	16
653	Measurements of Partial Branching Fractions for $B^0 \rightarrow \pi^+ \pi^-$ and Determination of $ V_{ub} $. Physical Review Letters, 2008, 100, 171802.	2.9	16
654	Observation of $B \rightarrow a_1(1260) K^0$ and $B \rightarrow a_1(1260) K^+$. Physical Review Letters, 2008, 100, 051803. meson decays to charmless meson pairs	2.9	16
655	$B \rightarrow \pi^+ \pi^-$ or $B \rightarrow \pi^0 \pi^0$ Search for the rare leptonic decays $B \rightarrow \mu^+ \mu^-$	1.6	16
656	$B \rightarrow \mu^+ \mu^-$ Physical Review D, 2009, 79, .	1.6	16
657	Measurement of branching fractions of B decays to $K^*(1270) \pi$ and $K^*(1400) \pi$ and determination of the CKM angle α from $B \rightarrow a_1(1260) \pi$. Physical Review D, 2010, 81, .	1.6	16
658	Observation of the rare decay $B \rightarrow \mu^+ \mu^-$ measurement of the quasi-two-body contributions Physical Review D, 2011, 84, .	1.6	16
659	Branching fraction measurements of the color-suppressed decays $B^0 \rightarrow D^{(*)} \pi^0$, $D^{(*)} \pi^+$, and $D^{(*)} \pi^0$ and measurement of the polarization in the decay $B^0 \rightarrow D^* \pi^0$. Physical Review D, 2011, 84, .	1.6	16
660	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 $\sqrt{s} = 7 \text{ TeV}$. Journal of High Energy Physics, 2012, 2012, 1.	1.6	16
661	Measurement of the $\overline{\text{t}} \text{t}$ production cross section in the all-jet final state in pp collisions at $\sqrt{s} = 7 \text{ TeV}$. Journal of High Energy Physics, 2013, 2013, 1.	1.6	16
662	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 $\sqrt{s} = 7 \text{ TeV}$. Journal of High Energy Physics, 2013, 2013, 1.	1.6	16
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664	Search for lepton flavour violating decays of heavy resonances and quantum black holes to an $e \mu$ pair in proton-proton collisions at $\sqrt{s} = 8 \text{ TeV}$. European Physical Journal C, 2016, 76, 317.	1.4	16
665	Measurement of dijet azimuthal decorrelation in pp collisions at $\sqrt{s} = 8 \text{ TeV}$. European Physical Journal C, 2016, 76, 536.	1.4	16
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668	Measurement of the production cross section of a W boson in association with two b jets in pp collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2017, 77, 92.	1.4	16
669	Measurement of associated Z + charm production in proton-proton collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2018, 78, 287.	1.4	16
670	Search for single production of vector-like quarks decaying to a b quark and a Higgs boson. Journal of High Energy Physics, 2018, 2018, 1.	1.6	16
671	Search for new physics in top quark production in dilepton final states in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2019, 79, 886.	1.4	16
672	Measurement of $B^0 \rightarrow D_s^* D^*$ branching fractions and $B^0 \rightarrow D_s^* D^*$ polarization with a partial reconstruction technique. Physical Review D, 2003, 67, .	1.6	15
673	Search for B-meson decays to two-body final states with $\omega(980)$ mesons. Physical Review D, 2004, 70, .	1.6	15
674	Measurement of the Branching Fraction of $B^0 \rightarrow D_s^* D^*$. Physical Review Letters, 2005, 95, 042001.	2.9	15
675	Measurement of the branching ratios $\mathcal{B}(B^0 \rightarrow D_s^* D^*)$ and $\mathcal{B}(B^0 \rightarrow D_s^* D^*)$. Physical Review D, 2005, 72, .	1.6	15
676	Measurement of the ratio $\mathcal{B}(B^0 \rightarrow D^* D^*) / \mathcal{B}(B^0 \rightarrow D^* D^*)$ and of the CP asymmetry of $B^0 \rightarrow D^* D^*$ decays. Physical Review D, 2005, 71, .	1.6	15
677	Search for $B^0 \rightarrow D^* D^*$ and $B^0 \rightarrow D^* D^*$ decays. Physical Review D, 2006, 74, .	1.6	15
678	Measurement of Branching Fractions and Resonance Contributions for $B^0 \rightarrow D^* D^*$ and Search for $B^0 \rightarrow D^* D^*$ Decays. Physical Review Letters, 2006, 96, 011803.	2.9	15
679	Search for the Decay $B^0 \rightarrow D^* D^*$. Physical Review Letters, 2007, 99, 201801.	2.9	15
680	Branching fraction and CP-violation charge asymmetry measurements for B-meson decays to $K^* K^*$, $K^* K^*$, and $K^* K^*$. Physical Review D, 2007, 76, .	1.6	15
681	Search for $B^0 \rightarrow D^* D^*$ decays. Physical Review D, 2008, 78, .	1.6	15
682	Search for decays of B mesons into $e^+ e^-$ and $\mu^+ \mu^-$ final states. Physical Review D, 2008, 77, .	1.6	15
683	Measurement of the branching fractions of the radiative charm decays $D^0 \rightarrow K^* \gamma$ and $D^0 \rightarrow \eta \gamma$. Physical Review D, 2008, 78, .	1.6	15
684	Measurement of the branching fraction and λ polarization in $B^0 \rightarrow D^* D^*$. Physical Review D, 2009, 79, .	1.6	15

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686	Search for a fermiophobic Higgs boson in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	15
687	Measurement of the mass difference between top and antitop quarks. Journal of High Energy Physics, 2012, 2012, 1.	1.6	15
688	Search for new physics in events with photons, jets, and missing transverse energy in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	1.6	15
689	Branching fraction measurement of $B \rightarrow \tau^+ \tau^-$, $B \rightarrow \tau^+ \tau^- \nu$ decays. Physical Review D, 2013, 87, .	1.6	15
690	Search for a light Higgs boson decaying to two gluons or $s\bar{s}$ in the radiative decays of $B \rightarrow \tau^+ \tau^- \nu$		

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704	Measurement of Time-Dependent CP Asymmetries and Constraints on $\sin 2\beta$ with Partial Reconstruction of $B \rightarrow D^* \tau^+ \nu_\tau$ Decays. Physical Review Letters, 2004, 92, 251802.	2.9	14
705	Search for Decays of $B \rightarrow e^+ e^- \nu_e$, $B \rightarrow \tau^+ \nu_\tau \nu_e$, $B \rightarrow e^+ \nu_e \nu_\tau$. Physical Review Letters, 2005, 94, 221803.	2.9	14
706	Study of the decay $B \rightarrow D^* \tau^+ \nu_\tau$. Physical Review D, 2006, 74, .	1.6	14
707	B-meson decays to K^* , ρ , ω , ϕ , and f_0 . Physical Review D, 2006, 74, .	1.6	14
708	Measurement of Branching Fractions and Mass Spectra of $B \rightarrow K^* \ell^+ \ell^-$. Physical Review Letters, 2007, 98, 211804.	2.9	14
709	Search for $B \rightarrow \tau^+ (K^* \nu_\tau)$ decays with large $K^* \nu_\tau$ invariant mass. Physical Review D, 2007, 76, .	1.6	14
710	Branching fraction measurement of $B \rightarrow D^* \tau^+ \nu_\tau$ and $B \rightarrow D^* \tau^+ \nu_\tau$ and isospin analysis of $B \rightarrow D^* \tau^+ \nu_\tau$ decays. Physical Review D, 2007, 75, .	1.6	14
711	Study of radiative bottomonium transitions using converted photons. Physical Review D, 2011, 84, .	1.6	14
712	Search for CP violation using T-odd correlations in $D \rightarrow K^+ K^0 S^0$ and $D_s \rightarrow K^+ K^0 S^0$ decays. Physical Review D, 2011, 84, .	1.6	14
713	Search for third-generation leptoquarks and scalar bottom quarks in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	14
714	First Observation of $C \rightarrow P$ Violation in $B \rightarrow A^* \tau^+ \nu_\tau$ Decays. Physical Review Letters, 2012, 109, 161801.	2.9	14
715	Search for $B \rightarrow A^* \tau^+ \nu_\tau$ decays. Physical Review Letters, 2012, 109, 161801.	2.9	14
716	Search for s channel single top quark production in pp collisions at $\sqrt{s}=7$ and 8 TeV. Journal of High Energy Physics, 2016, 2016, 1.	1.6	14
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718	Search for associated production of dark matter with a Higgs boson decaying to $b \bar{b}$ or $\tau^+ \tau^-$ at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	14
719	Measurements of differential production cross sections for a Z boson in association with jets in pp collisions at $\sqrt{s}=8$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	14
720	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. Journal of High Energy Physics, 2017, 2017, 1.	1.6	14

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722	Search for black holes and sphalerons in high-multiplicity final states in proton-proton collisions at $\sqrt{s} = 13 \text{ TeV}$. Journal of High Energy Physics, 2018, 2018, 1.	1.6	14
723	Studies of $\mathcal{B}(\mathcal{B}^* \rightarrow \mathcal{B}^0 \gamma)$ and $\mathcal{B}(\mathcal{B}^* \rightarrow \mathcal{B}^0 \pi^0)$ and $\mathcal{B}(\mathcal{B}^* \rightarrow \mathcal{B}^0 \pi^+ \pi^-)$		

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741	Searches for B Meson Decays to $\ell^+ \ell^- \ell^+ \ell^- f_0(980)$, and $f_0(980) f_0(980)$ Final States. Physical Review Letters, 2008, 101, 201801.	2.9	13
742	Constraints on the CKM angle β_3 in $B \rightarrow \hat{a}^+ D \bar{K}^0$ and $B \rightarrow \hat{a}^+ D \bar{K}^0$ from a Dalitz analysis of $D \rightarrow \hat{a}^0$ decays to $K^+ \ell^+ \ell^-$. Physical Review D, 2009, 79, .	1.6	13
743	Search for the decay $B \rightarrow \hat{a}^+ K \bar{K} \ell^+ \ell^-$. Physical Review D, 2009, 79, .	1.6	13
744	Measurement of the mass and width of the $D_{s1}(2536)^+$ meson. Physical Review D, 2011, 83, .	1.6	13
745	Search for light resonances decaying into pairs of muons as a signal of new physics. Journal of High Energy Physics, 2011, 2011, 1.	1.6	13
746	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
747	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
748	Measurement of $C \rightarrow P$ -violating asymmetries in $B \rightarrow \hat{a}^+ \ell^+ \ell^-$ decays. Physical Review D, 2013, 2013, 1.	1.6	13
749	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
750	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
751	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
752	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. Journal of High Energy Physics, 2018, 2018, 1.	1.6	13
753	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
754	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
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756	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. Journal of High Energy Physics, 2019, 2019, 1.	1.6	13

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758	Search for contact interactions and large extra dimensions in the dilepton mass spectra from proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	13
759	Search for dark photons in decays of Higgs bosons produced in association with Z bosons in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	13
760	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
761	Measurement of the $B \rightarrow \tau^+ \nu_\tau$ Branching Fraction. Physical Review Letters, 2003, 90, 091801.	2.9	12
762	Study of High Momentum $\mu^+ \mu^-$ Production in $B \rightarrow \tau^+ \nu_\tau X$ s. Physical Review Letters, 2004, 93, 061801.	2.9	12
763	Search for B^0 Decays to Invisible Final States and $\tau \rightarrow \mu^+ \mu^- \nu_\tau$. Physical Review Letters, 2004, 93, 091802.	2.9	12
764	Searches for B^0 Decays to Combinations of Two Charmless Isoscalar Mesons. Physical Review Letters, 2004, 93, 181806.	2.9	12
765	Measurements of Branching Fractions and CP-Violating Asymmetries in B Meson Decays to Charmless Two-Body States Containing a K^0 . Physical Review Letters, 2004, 92, 201802.	2.9	12
766	Branching Fraction and CP Asymmetries of $B^0 \rightarrow K^+ K^- K^+ K^-$. Physical Review Letters, 2005, 95, 011801.	2.9	12
767	Search for Radiative Penguin Decays $B \rightarrow \tau^+ \nu_\tau \gamma$, $B^0 \rightarrow \tau^+ \nu_\tau \gamma$, and $B^0 \rightarrow \tau^+ \nu_\tau \gamma$. Physical Review Letters, 2005, 94, 011801.	2.9	12
768	Measurement of the $B^0 \rightarrow D^+ \pi^-$ decay rate and $ V_{cb} $. Physical Review D, 2005, 71, .	1.6	12
769	Measurement of CP observables for the decays $B^0 \rightarrow D^+ \pi^-$. Physical Review D, 2005, 72, .	1.6	12
770	Branching fraction measurements of charged B decays to $K^+ K^- K^+$, $K^+ \pi^- K^+$, $K^+ \pi^- K^+$ and $K^+ \pi^- \pi^+$ final states. Physical Review D, 2006, 74, .	1.6	12
771	Searches for B^0 decays to $K^0 \pi^+ \pi^-$, $K^0 \pi^+ \pi^-$, and $K^0 \pi^+ \pi^-$. Physical Review D, 2006, 74, .	1.6	12
772	Branching fraction limits for B^0 decays to $K^+ \pi^-$ and $K^0 \pi^+$. Physical Review D, 2006, 73, .	1.6	12
773	Search for the decay $B \rightarrow \tau^+ \nu_\tau \gamma$. Physical Review D, 2006, 73, .	1.6	12
774	Search for the charmed pentaquark candidate $\tilde{c}(3100)$ in $e^+ e^-$ annihilations at $s = 10.58$ GeV. Physical Review D, 2006, 73, .	1.6	12

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775	Measurement of CP observables for the decays $B^{\pm} \rightarrow D^0 K^{\pm}$. Physical Review D, 2006, 73, .	1.6	12
776	Evidence for $B^0 \rightarrow \rho^0 \rho^0$ Decays and Implications for the Cabibbo-Kobayashi-Maskawa Angle β . Physical Review Letters, 2007, 98, 111801.	2.9	12
777	Measurement of CP asymmetry in $B^0 \rightarrow K_S^0 \pi^0$ decays. Physical Review D, 2007, 76, .	1.6	12
778	Measurements of the branching fractions of $B^0 \rightarrow K^* K^+$, $B^0 \rightarrow K^* \pi^+$, $B^0 \rightarrow K^* K^0$, and $B^0 \rightarrow K^* \pi^0$. Physical Review D, 2007, 76, .	1.6	12
779	Measurement of the CP asymmetry in $B^0 \rightarrow \rho^+ \rho^-$ Using a Sum of Exclusive Final States. Physical Review Letters, 2008, 101, 171804.	2.9	12
780	Measurement of the $B^0 \rightarrow \rho^+ \rho^-$ and $B^0 \rightarrow \rho^+ \rho^0$ branching fractions. Physical Review D, 2009, 79, .	1.6	12
781	Search for $B^0 \rightarrow \rho^+ \rho^-$ transitions in $B^0 \rightarrow [K^* \pi^0] D^{\pm}$ decays. Physical Review D, 2011, 84, .	1.6	12
782	Measurement of the semileptonic branching fraction of the $B^0 \rightarrow \rho^+ \rho^-$ meson. Physical Review D, 2012, 85, .	1.6	12
783	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
784	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
785	Comparing transverse momentum balance of b jet pairs in pp and PbPb collisions at $\sqrt{s} = 5.02$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	12
786	Measurement of the groomed jet mass in PbPb and pp collisions at $\sqrt{s} = 5.02$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	12
787	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
788	Search for dark matter produced in association with a Higgs boson decaying to $\tau^+ \tau^-$ or $b\bar{b}$ at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	12
789	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
790	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
791	Measurement of the average very forward energy as a function of the track multiplicity at central pseudorapidities in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2019, 79, 893.	1.4	12
792	Development and validation of HERWIG7 tunes from CMS underlying-event measurements. European Physical Journal C, 2021, 81, 312.	1.4	12

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793	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.	1.6	12
794	Measurement of the B^0 lifetime with Partially Reconstructed $B^0 \rightarrow D^{*+} \pi^-$ Decays. <i>Physical Review Letters</i> , 2002, 89, 011802.	2.9	11
795	Simultaneous measurement of the B^0 meson lifetime and mixing frequency with $B^0 \rightarrow D^{*+} \pi^-$ decays. <i>Physical Review D</i> , 2003, 67, .	1.6	11
796	Branching fraction measurements of $B^+ \rightarrow cK$ decays. <i>Physical Review D</i> , 2004, 70, .	1.6	11
797	Measurement of the Branching Fraction and Polarization for the Decay $B^+ \rightarrow D^{*0} K^+$. <i>Physical Review Letters</i> , 2004, 92, 141801.	2.9	11
798	Production and Decay of $\psi(3700)$ at BABAR. <i>Physical Review Letters</i> , 2005, 95, 142003.	2.9	11
799	Measurements of CP-violating asymmetries and branching fractions in B decays to $K\pi$. <i>Physical Review D</i> , 2006, 74, .	1.6	11
800	Measurement of branching fractions in radiative B decays to K_1^3 and search for B decays to \bar{K}^3 . <i>Physical Review D</i> , 2006, 74, .	1.6	11
801	Search for neutral B -meson decays to $a_0 K_1^0$ and f_0 . <i>Physical Review D</i> , 2007, 75, .	1.6	11
802	Measurement of the branching fractions of the rare decays $B^0 \rightarrow D_s^{(*)} \pi^0$, $B^0 \rightarrow D_s^{(*)} \eta$, and $B^0 \rightarrow D_s^{(*)} K^{*0}$. <i>Physical Review D</i> , 2008, 78, .	1.6	11
803	Observation of $e^+ e^- \rightarrow \tau^+ \tau^- \pi^0$ near $\sqrt{s} = 10.58$ GeV. <i>Physical Review D</i> , 2008, 78, .	1.6	11
804	Observation of $B^+ \rightarrow b_1^0 K^+$ and search for B -meson decays to $10K^0$ and $1\bar{K}^0$. <i>Physical Review D</i> , 2008, 78, .	1.6	11
805	Observation of $B^+ \rightarrow \bar{K}^0 \pi^+$ and search for B^0 decays to $\bar{K}^0 \pi^0$, $\bar{K}^0 \eta$, and $\bar{K}^0 \eta'$. <i>Physical Review D</i> , 2008, 78, .	1.6	11
806	Measurement of ratios of branching fractions and CP-violating asymmetries of $B_{\pm}^0 \rightarrow D^{*0} K^{\pm}$ decays. <i>Physical Review D</i> , 2008, 78, .	1.6	11
807	Study of B Meson Decays with Excited \bar{K}^* and \bar{K}^* Mesons. <i>Physical Review Letters</i> , 2008, 101, 091801.	2.9	11
808	Improved Limits on Lepton-Flavor-Violating τ Decays to $\mu^+ \pi^-$, $\mu^+ \eta^-$, $\mu^+ K^{*-}$, and $\mu^+ K_A^{*-}$. <i>Physical Review Letters</i> , 2009, 103, 021801.	2.9	11
809	Search for Lepton Flavor Violating Decays $\tau^+ \rightarrow \mu^+ \bar{K}_S^0$ with the BABAR Experiment. <i>Physical Review D</i> , 2009, 79, .	1.6	11
810	B -meson decays to $\bar{K}_S^0 \pi^0$ and $\bar{K}_S^0 K^*$. <i>Physical Review D</i> , 2010, 82, .	1.6	11

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811	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. <math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mi>B</mml:mi><mml:mn>0</mml:mn></mml:msup></mml:math> meson decays to<math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mi>I</mml:mi><mml:mn>0</mml:mn></mml:msup><mml:msup><mml:mi>K</mml:mi><mml:mrow>	1.6	11
812	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
813	Search for the standard model Higgs boson in the $H \rightarrow ZZ \rightarrow \gamma\gamma, \gamma\gamma, \gamma\gamma, \gamma\gamma, \gamma\gamma$ decay channel in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	11
814	Search for CP violation in the decays $D_{s1}^{\pm} \rightarrow K^0 K^{\pm} S^0$, $D_s^{\pm} \rightarrow K^0 K^{\pm}$, and $D_s^{\pm} \rightarrow K^0 \bar{K}^{\pm}$. Physical Review D, 2013, 87, .		11
815	Measurement of the $Z\bar{\nu}\nu$ 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
816	Search for electroweak production of charginos in final states with two \tilde{l} , leptons in pp collisions at $s = 8$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	11
817	Measurement of the semileptonic $t\bar{t} \rightarrow \bar{t} \overline{\text{mathrm{t}}} + \bar{\nu}^3$ production cross section in pp collisions at $s = 8$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	11
818	Measurement of the transverse momentum spectrum of the Higgs boson produced in pp collisions at $s = 8$ TeV using $H \rightarrow WW$ decays. Journal of High Energy Physics, 2017, 2017, 1.	1.6	11
819	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
820	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
821	Search for supersymmetry in events with a photon, jets, $\text{mathrm{b}}\text{-jets}$, and missing transverse momentum in proton-proton collisions at $\sqrt{s}=13$ TeV. European Physical Journal C, 2019, 79, 444.	1.4	11
822	Search for nonresonant Higgs boson pair production in the $\text{mathrm{b}}\overline{\text{mathrm{b}}}\text{mathrm{b}}\overline{\text{mathrm{b}}}$ final state at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	11
823	Study of the underlying event in top quark pair production in $\text{mathrm{p}}\text{mathrm{p}}$ collisions at $\sqrt{s}=13$ TeV. European Physical Journal C, 2019, 79, 123.	1.4	11
824	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. Journal of High Energy Physics, 2019, 2019, 1.	1.6	11
825	Measurement of electroweak production of a $\text{mathrm{W}}$ 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
826	Study of CP-violating asymmetries in $B^0 \rightarrow \bar{K}^* \bar{K}^0, K^* \bar{K}^0$ decays. Physical Review D, 2002, 65, .	1.6	10
827	Search for the decay $B^0 \rightarrow \bar{K}^* \bar{K}^0$. Physical Review D, 2004, 70, .	1.6	10

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829	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
830	Evidence for the decay $B^0 \rightarrow K^* \bar{K}^0$. Physical Review D, 2005, 71, .	1.6	10
831	Search for $B^0 \rightarrow J/\psi D$ decays. Physical Review D, 2005, 71, .	1.6	10
832	Measurement of the $D^+ \rightarrow \bar{K}^0$ and $D^+ \rightarrow K^0$ branching fractions. Physical Review D, 2006, 74, .	1.6	10
833	Measurements of the branching fraction and time-dependent CP asymmetries of $B^0 \rightarrow J/\psi \bar{K}^0$ decays. Physical Review D, 2006, 74, .	1.6	10
834	Measurements of $\bar{b} \rightarrow c$ branching fractions of Cabibbo-suppressed decay modes involving \bar{b} and \bar{s} . Physical Review D, 2007, 75, .	1.6	10
835	Measurement of the relative branching fractions of $B \rightarrow C^+ P^-$ observables in $B \rightarrow \bar{A}^+ D^-$ decays. Physical Review D, 2007, 76, .	1.6	10
836	Study of inclusive B^0 and B^+ decays to flavor-tagged D, D_s , and $\bar{b} \rightarrow c$. Physical Review D, 2007, 75, .	1.6	10
837	Measurement of the CP-violating asymmetries in $B^0 \rightarrow K_S^0 \bar{K}^0$ and of the branching fraction $B^0 \rightarrow K_S^0 \bar{K}^0$. Physical Review D, 2008, 77, .	1.6	10
838	Improved measurement of $B \rightarrow C^+ P^-$ observables in $B \rightarrow \bar{A}^+ D^-$ decays. Physical Review D, 2008, 77, .	1.6	10
839	Measurements of branching fractions for $B^+ \rightarrow \bar{K}^0 \bar{K}^0$, $B^0 \rightarrow \bar{K}^0 \bar{K}^0$, and $B^0 \rightarrow \bar{K}^0 \bar{K}^0$. Physical Review D, 2008, 78, .	1.6	10
840	Measurement of CP violation observables and parameters for the decays $B^0 \rightarrow K^* \bar{K}^0$. Physical Review D, 2009, 80, .	1.6	10
841	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
842	Branching fraction of $B^0 \rightarrow \bar{K}^0 K_S^0$ decays. Physical Review D, 2012, 86, .	1.6	10
843	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)]. Physical Review D, 2013, 87, .	1.6	10
844	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
845	Measurements of the $pp \rightarrow W^{\pm} Z$ and $pp \rightarrow Z^2$ cross sections and limits on anomalous quartic gauge couplings at $s = 8$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	10
846	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

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848	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
849	Measurement of the $\sigma(\text{pp} \rightarrow \text{Z} \gamma \text{pp})$ cross section in pp collisions at $\sqrt{s} = 13$ TeV and validation of $\sigma(\text{pp} \rightarrow \text{Z} \gamma \text{pp})$. European Physical Journal C, 2018, 78, 708.	1.4	10
850	Search for a heavy resonance decaying into a Z boson and a vector boson in the $\text{pp} \rightarrow \text{Z} \gamma \text{pp}$ final state. Journal of High Energy Physics, 2018, 2018, 1.	1.6	10
851	Search for a Stable Six-Quark State at BABAR. Physical Review Letters, 2019, 122, 072002.	2.9	10
852	Search for resonances decaying to a pair of Higgs bosons in the $\text{pp} \rightarrow \text{H} \text{H} \text{pp}$ final state in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	10
853	Evidence for $\text{pp} \rightarrow \text{W} \text{W} \text{pp}$ production from double-parton interactions in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2020, 80, 1.	1.4	10
854	Study of Time-Dependent CP Asymmetry in Neutral B Decays to $\text{J}/\psi \text{K}^0$. Physical Review Letters, 2003, 91, 061802.	2.9	9
855	Search for the Rare Leptonic Decay $B \rightarrow \tau^+ \tau^- \mu^+ \mu^-$. Physical Review Letters, 2004, 92, 221803.	2.9	9
856	Measurement of the branching fractions for inclusive $B \rightarrow \tau^+ \tau^- D, D_s$, and $\tau^+ \tau^- c$. Physical Review D, 2004, 70, .	1.6	9
857	Search for the decay $B \rightarrow \tau^+ \tau^- \mu^+ \mu^-$. Physical Review D, 2005, 72, .	1.6	9
858	Search for the decay of $B \rightarrow \tau^+ \tau^- K^0$ or $B \rightarrow \tau^+ \tau^- K^+ K^-$. Physical Review D, 2006, 74, .	1.6	9
859	Observation of the exclusive reaction $e^+ e^- \rightarrow \tau^+ \tau^- \mu^+ \mu^-$. Physical Review D, 2006, 74, .	1.6	9
860	Observation of $e^+ e^-$ Annihilation into the $C=+1$ Hadronic Final States $\tau^+ \tau^- \mu^+ \mu^-$. Physical Review Letters, 2006, 97, 112002.	2.9	9
861	Observation of Decays $B \rightarrow \tau^+ D_s^* \tau^-$ and $B \rightarrow \tau^+ D_s^* K^+$. Physical Review Letters, 2007, 98, 081801.	2.9	9
862	Search for the reaction $e^+ e^- \rightarrow \tau^+ \tau^- \mu^+ \mu^-$ and $e^+ e^- \rightarrow \tau^+ \tau^- e^+ e^-$. Physical Review D, 2007, 75, .	1.6	9
863	Measurement of B decays to $\tau^+ K^0$. Physical Review D, 2007, 75, .	1.6	9
864	Observation of $e^+ e^- \rightarrow \tau^+ \tau^- \mu^+ \mu^-$ and evidence for $e^+ e^- \rightarrow \tau^+ \tau^- e^+ e^-$. Physical Review D, 2008, 78, .	1.6	9

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866	Search for Second-Class Currents in $B \rightarrow K^* \ell^+ \ell^-$. Physical Review Letters, 2009, 103, 041802.	2.9	9
867	Search for direct CP violation in singly Cabibbo-suppressed $B \rightarrow K^* \ell^+ \ell^-$ angular distributions for $B \rightarrow K^* \ell^+ \ell^-$. Physical Review Letters, 2013, 111, 011801.	1.6	9
868	Measurement of the $B \rightarrow K^* \ell^+ \ell^-$ branching fraction with semileptonically tagged B mesons. Physical Review D, 2013, 88, .	1.6	9
870	Measurement of the mass of the D^0 meson. Physical Review D, 2013, 88, .	1.6	9
871	Search for the rare decays $B \rightarrow K^* \ell^+ \ell^-$, $B \rightarrow K^* \ell^+ \ell^-$ and $B \rightarrow K^* \ell^+ \ell^-$. Physical Review D, 2013, 88, .	1.6	9
872	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. Journal of High Energy Physics, 2018, 2018, 1.	1.6	9
873	Search for lepton-flavor violating decays of heavy resonances and quantum black holes to $e^+ e^-$ final states in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	9
874	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
875	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
876	Search for a low-mass $\bar{K}^* \ell^+ \ell^-$ resonance in association with a bottom quark in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	9
877	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
878	Evidence for $B \rightarrow K^* \bar{K}^0 K^+$ and $B \rightarrow K^* K^0 K^+$, and Measurement of the Branching Fraction and Search for Direct CP Violation in $B \rightarrow K^* K^0 \ell^+ \ell^-$. Physical Review Letters, 2005, 95, 221801.	2.9	8
879	Search for the W-exchange decays $B \rightarrow D_s^* \ell^+ \ell^-$. Physical Review D, 2005, 72, .	1.6	8
880	Study of $B \rightarrow K^* \ell^+ \ell^-$ interference in the decay $B \rightarrow K^* \ell^+ \ell^-$. Physical Review D, 2005, 72, .	1.6	8
881	Measurement of the $B \rightarrow K^* \ell^+ \ell^-$ branching fraction. Physical Review D, 2006, 73, .	1.6	8
882	Precise branching ratio measurements of the decays $D^0 \rightarrow K^* \ell^+ \ell^-$ and $D^0 \rightarrow K^* \ell^+ \ell^-$ relative to the $D^0 \rightarrow K^* \ell^+ \ell^-$ decay. Physical Review D, 2006, 74, .	1.6	8

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883	Search for rare quark-annihilation decays, $B_c^+ \rightarrow D_s^{(*)} \bar{\nu}_c$. Physical Review D, 2006, 73, .	1.6	8
884	Measurement of the ratio $B(B \rightarrow \bar{\nu}_c X e^{1/2})/B(B \rightarrow \bar{\nu}_c X e^{1/2})$. Physical Review D, 2006, 74, .	1.6	8
885	Measurement of the Time-Dependent CP Asymmetry in $B \rightarrow DCP^{(*)} h^0$ Decays. Physical Review Letters, 2007, 99, 081801.	2.9	8
886	Observation of $B \rightarrow \bar{\nu}_c K^0$ and measurement of its branching fraction and charge asymmetry. Physical Review D, 2007, 76, .	1.6	8
887	Improved measurement of time-dependent C and P asymmetries and the C and P odd fraction in the decay $B \rightarrow C^+ P^-$. Physical Review D, 2007, 76, .	1.6	8
888	Time-dependent Dalitz plot analysis of $B \rightarrow D^+ K^0 \bar{\nu}_c$ decays. Physical Review D, 2008, 77, .	1.6	8
889	Observation of the rare decay $B \rightarrow K^0 K^+ \bar{\nu}_c$. Physical Review D, 2010, 82, .	1.6	8
890	Measurements of branching fractions, polarizations, and direct CP-violation asymmetries in $B \rightarrow \bar{\nu}_c K^+ K^0$ and $B \rightarrow \bar{\nu}_c K^+ K^0$ decays. Physical Review D, 2011, 83, .	1.6	8
891	Study of dipion bottomonium transitions and search for the $B \rightarrow \pi^+ \pi^- \pi^0$ decays. Physical Review D, 2011, 83, .	1.6	8
892	Search for resonances decaying to $B \rightarrow \pi^+ \pi^- \pi^0$ two-photon interactions. Physical Review D, 2012, 86, .	1.6	8
893	Searches for $W \rightarrow t b$ 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
894	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
895	First Evidence for $\cos^2 \theta$ and Resolution of the Cabibbo-Kobayashi-Maskawa Quark-Mixing Unitarity Triangle Ambiguity. Physical Review Letters, 2018, 121, 261801.	2.9	8
896	Search for a heavy resonance decaying into a Z boson and a Z or W boson in $2q$ final states at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	8
897	Search for supersymmetry in final states with photons and missing transverse momentum in proton-proton collisions at 13 TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	8
898	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
899	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. Journal of High Energy Physics, 2016, 2016, 1.	1.6	8
900	Measurement of the Branching Fraction and CP Content for the Decay $B \rightarrow D^+ \bar{\nu}_c$. Physical Review Letters, 2002, 89, 061801.	2.9	7

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901	Search for the Radiative Decays $B \rightarrow \bar{c} \gamma$ and $B \rightarrow \bar{c} \gamma$. Physical Review Letters, 2004, 92, 111801.	2.9	7
902	Measurement of Time-Dependent CP Asymmetries in $B \rightarrow D^{(*)} \bar{c} \gamma$ Decays. Physical Review Letters, 2005, 95, 131802.	2.9	7
903	Search for the rare decays $B \rightarrow D^{(*)} K_S^0$. Physical Review D, 2005, 72, .	1.6	7
904	Search for the radiative decay $B \rightarrow \bar{c} \gamma$. Physical Review D, 2005, 72, .	1.6	7
905	Observation of $B \rightarrow \bar{c} \gamma$ and Evidence for $B \rightarrow \bar{c} \gamma$. Physical Review Letters, 2007, 98, 051802.	2.9	7
906	Search for the decays $B \rightarrow \bar{c} \gamma$ and $B \rightarrow \bar{c} \gamma$. Physical Review D, 2008, 77, .	1.6	7
907	Evidence for $B \rightarrow \bar{c} \gamma$. Physical Review D, 2009, 79, .	1.6	7
908	Search for B-meson decays to $b \bar{c} \gamma$. Physical Review D, 2009, 80, .	1.6	7
909	Observation of the decay $B \rightarrow \bar{c} \gamma$. Physical Review D, 2010, 82, .	1.6	7
910	Observation of the Decay $B \rightarrow \bar{c} \gamma$. Physical Review Letters, 2011, 107, 041804.	1.6	7
911	Search for the standard model Higgs boson produced in association with W and Z bosons in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	7
912	Search for direct pair production of scalar top quarks in the single- and dilepton channels in proton-proton collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	1.6	7
913	Search for high-mass Z resonances in $e^+e^- \rightarrow \bar{c} \gamma$ and $\bar{c} \gamma + \bar{c} \gamma$ final states in proton-proton collisions at $\sqrt{s} = 8$ and 13 TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	7
914	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 $\bar{c} \gamma$, leptons. Journal of High Energy Physics, 2019, 2019, 1.	1.6	7
915	Observation of the Decay $B \rightarrow \bar{c} \gamma$. Physical Review Letters, 2019, 122, 081802.	2.9	7
916	Study of central exclusive "Equation missing" production in proton-proton collisions at $\sqrt{s} = 5.02$ and 13 TeV. European Physical Journal C, 2020, 80, 718.	1.4	7
917	Measurement of the B meson lifetime with partial reconstruction of $B \rightarrow D^{(*)} \bar{c} \gamma$ and $B \rightarrow D^{(*)} \bar{c} \gamma$ decays. Physical Review D, 2003, 67, .	1.6	6
918	Measurements of Branching Fractions and Dalitz Distributions for $B \rightarrow D^{(*)} \bar{c} \gamma$ Decays. Physical Review Letters, 2005, 95, 171802.	2.9	6

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919	Search for the rare decays $B_0 \rightarrow D_s^* + a_0(2) \pi^-$. Physical Review D, 2006, 73, .	1.6	6
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921	Evidence for the Rare Decay $B \rightarrow D_s^* + \pi^0$. Physical Review Letters, 2007, 98, .	2.9	6
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