

# Andrei Gritsan

## List of Publications by Year in descending order

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Version: 2024-02-01

1,022  
papers

52,789  
citations

2675

95  
h-index

3407

183  
g-index

1048  
all docs

1048  
docs citations

1048  
times ranked

14722  
citing authors

#	ARTICLE	IF	CITATIONS
1	Search for Darkonium in $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">\langle \text{mml:msup}\langle \text{mml:mi}\rangle e\langle \text{mml:mi}\rangle\langle \text{mml:mo}\rangle +\langle \text{mml:mo}\rangle\langle \text{mml:msup}\langle \text{mml:mi}\rangle e\langle \text{mml:mi}\rangle\langle \text{mml:mo}\rangle \rangle$ Collisions. Physical Review Letters, 2022, 128, 021802.		
2	Inclusive and differential cross section measurements of single top quark production in association with a Z boson in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2022, 2022, 1.	4.7	6
3	Search for flavor-changing neutral current interactions of the top quark and the Higgs boson decaying to a bottom quark-antiquark pair at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2022, 2022, 1.	4.7	5
4	Search for long-lived particles decaying to leptons with large impact parameter in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2022, 82, 153.	3.9	14
5	Study of dijet events with large rapidity separation in proton-proton collisions at $\sqrt{s} = 2.76$ TeV. Journal of High Energy Physics, 2022, 2022, 1.	4.7	1
6	Search for low-mass dilepton resonances in Higgs boson decays to four-lepton final states in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2022, 82, 290.	3.9	18
7	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.	4.7	13
8	Search for long-lived particles decaying into muon pairs in proton-proton collisions at $\sqrt{s} = 13$ TeV collected with a dedicated high-rate data stream. Journal of High Energy Physics, 2022, 2022, .	4.7	5
9	Search for a right-handed W boson and a heavy neutrino in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2022, 2022, 1.	4.7	12
10	Search for a heavy resonance decaying into a top quark and a W boson in the lepton+jets final state at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2022, 2022, 1.	4.7	2
11	Search for heavy resonances decaying to ZZ or ZW and axion-like particles mediating nonresonant ZZ or ZH production at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2022, 2022, 1.	4.7	6
12	Measurement and QCD analysis of double-differential inclusive jet cross sections in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2022, 2022, 1.	4.7	5
13	Search for electroweak production of charginos and neutralinos in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2022, 2022, 1.	4.7	5
14	Measurement of the inclusive $\overline{t}t$ production cross section in proton-proton collisions at $\sqrt{s} = 5.02$ TeV. Journal of High Energy Physics, 2022, 2022, 1.	4.7	2
15	Search for heavy resonances decaying to a pair of Lorentz-boosted Higgs bosons in final states with leptons and a bottom quark pair at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2022, 2022, .	4.7	2
16	Search for higgsinos decaying to two Higgs bosons and missing transverse momentum in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2022, 2022, .	4.7	4
17	Constraining anomalous Higgs boson couplings to virtual photons. Physical Review D, 2022, 105, .	4.7	4
18	Observation of $B^0 \rightarrow \psi(2S)K^0_{\text{had}}$ and $B^0_{\text{had}} \rightarrow \psi(2S)K^0_{\text{had}}$ decays. European Physical Journal C, 2022, 82, .	3.9	1

#	ARTICLE	IF	CITATIONS
19	Search for dark matter produced in association with a leptonically decaying $Z$ boson in proton-proton collisions at $\sqrt{s}=13$ , ext {TeV}. European Physical Journal C, 2021, 81, 13.	3.9	33
20	Search for top squark pair production using dilepton final states in $pp$ collision data collected at $\sqrt{s}=13$ , ext {TeV}. European Physical Journal C, 2021, 81, 3.	3.9	33
21	Measurements of $pp \rightarrow ZZ$ production cross sections and constraints on anomalous triple gauge couplings at $\sqrt{s} = 13$ , ext {TeV}. European Physical Journal C, 2021, 81, 200.	3.9	24
22	Development and validation of HERWIG <sup>7</sup> tunes from CMS underlying-event measurements. European Physical Journal C, 2021, 81, 312.	3.9	12
23	Measurement of the Higgs boson production rate in association with top quarks in final states with electrons, muons, and hadronically decaying tau leptons at $\sqrt{s} = 13$ , ext {TeV}. European Physical Journal C, 2021, 81, 378.	3.9	40
24	Measurements of production cross sections of the Higgs boson in the four-lepton final state in proton-proton collisions at $\sqrt{s} = 13$ , ext {TeV}. European Physical Journal C, 2021, 81, 488.	3.9	35
25	Measurements of Higgs boson production cross sections and couplings in the diphoton decay channel at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2021, 2021, 1.	4.7	27
26	MUSiC: a model-unspecific search for new physics in proton-proton collisions at $\sqrt{s} = 13$ , ext {TeV}. European Physical Journal C, 2021, 81, 629.	3.9	18
27	Search for a heavy vector resonance decaying to a $Z$ boson and a Higgs boson in proton-proton collisions at $\sqrt{s} = 13$ , ext {TeV}. European Physical Journal C, 2021, 81, 688.	3.9	9
28	Search for charged Higgs bosons produced in vector boson fusion processes and decaying into vector boson pairs in proton-proton collisions at $\sqrt{s} = 13$ , ext {TeV}. European Physical Journal C, 2021, 81, 723.	3.9	19
29	Measurements of angular distance and momentum ratio distributions in three-jet and $Z$ + two-jet final states in $pp$ collisions. European Physical Journal C, 2021, 81, 852.	3.9	2
30	Precision luminosity measurement in proton-proton collisions at $\sqrt{s} = 13$ , ext {TeV} in 2015 and 2016 at CMS. European Physical Journal C, 2021, 81, 800.	3.9	123
31	Combined searches for the production of supersymmetric top quark partners in proton-proton collisions at $\sqrt{s} = 13$ , ext {TeV}. European Physical Journal C, 2021, 81, 970.	3.9	18
32	A Deep Neural Network for Simultaneous Estimation of b Jet Energy and Resolution. Computing and Software for Big Science, 2020, 4, 10.	2.9	21
33	Review of Particle Physics. Progress of Theoretical and Experimental Physics, 2020, 2020, .	6.6	3,177
34	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.	3.9	7
35	Search for physics beyond the standard model in events with jets and two same-sign or at least three charged leptons in proton-proton collisions at $\sqrt{s}=13$ , ext {TeV}. European Physical Journal C, 2020, 80, 752.	3.9	23
36	Search for physics beyond the standard model in multilepton final states in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.7	25

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37	Search for direct top squark pair production in events with one lepton, jets, and missing transverse momentum at 13 TeV with the CMS experiment. Journal of High Energy Physics, 2020, 2020, 1.	4.7	21
38	New features in the JHU generator framework: Constraining Higgs boson properties from on-shell and off-shell production. Physical Review D, 2020, 102, .	4.7	29
39	$B \rightarrow K \bar{A} \pm X$ Measurement of top quark pair production in association with a Z boson in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.7	20
40	Search for direct pair production of supersymmetric partners to the $\tilde{\tau}_1$ lepton in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2020, 80, 189.	3.9	22
41	Mixed higher-order anisotropic flow and nonlinear response coefficients of charged particles in $\text{PbPb}$ collisions at $\sqrt{s_{NN}} = 2.76$ and 5.02 TeV. European Physical Journal C, 2020, 80, 534.	3.9	14
42	Measurement of electroweak production of a $W$ boson in association with two jets in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2020, 80, 43.	3.9	11
43	Search for Rare or Forbidden Decays of the $D^0$ Meson. Physical Review Letters, 2020, 124, 071802.	7.8	5
44	Evidence for $W$ production from double-parton interactions in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2020, 80, 1.	3.9	10
45	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. European Physical Journal C, 2020, 80, 75.	3.9	78
46	Searches for physics beyond the standard model with the $M_{T2}$ variable in hadronic final states with and without disappearing tracks in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2020, 80, 3.	3.9	70
47	Extraction and validation of a new set of CMS pythia8 tunes from underlying-event measurements. European Physical Journal C, 2020, 80, 4.	3.9	198
48	Search for a heavy Higgs boson decaying to a pair of W bosons in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.7	25
49	Search for dark matter particles produced in association with a Higgs boson in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.7	14
50	A multi-dimensional search for new heavy resonances decaying to boosted $W$ boson pairs in the dijet final state at 13 TeV. European Physical Journal C, 2020, 80, 237.	3.9	31
51	Measurement of single-diffractive dijet production in proton-proton collisions at $\sqrt{s} = 8$ TeV with the CMS and TOTEM experiments. European Physical Journal C, 2020, 80, 1164.	3.9	5
52	Measurement of differential cross sections and charge ratios for t-channel single top quark production in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2020, 80, 370.	3.9	22
53	Measurement of $t$ -channel single top quark normalised multi-differential cross sections in $pp$ collisions at $\sqrt{s} = 13$ TeV, and simultaneous determination of the strong coupling strength, top quark pole mass, and parton distribution functions. European Physical Journal C, 2020, 80, 1.	3.9	33

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55	Search for heavy neutrinos and third-generation leptoquarks in hadronic states of two $\tilde{l}$ , leptons and two jets in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	4.7	33
56	Search for a $W\tilde{\epsilon}^2$ boson decaying to a vector-like quark and a top or bottom quark in the all-jets final state. Journal of High Energy Physics, 2019, 2019, 1.	4.7	5
57	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.	4.7	13
58	Inclusive search for supersymmetry in pp collisions at $\sqrt{s}=13$ TeV using razor variables and boosted object identification in zero and one lepton final states. Journal of High Energy Physics, 2019, 2019, 1.	4.7	3
59	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. Journal of High Energy Physics, 2019, 2019, 1.	4.7	17
60	Search for excited leptons in $\tilde{\nu}_\tau, \tilde{\nu}_\tau, \tilde{\nu}_\tau^3$ final states in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	4.7	3
61	Search for new particles decaying to a jet and an emerging jet. Journal of High Energy Physics, 2019, 2019, 1.	4.7	24
62	Search for a heavy resonance decaying to a top quark and a vector-like top quark in the lepton + jets final state in pp collisions at $\sqrt{s} = 13, \text{ext } \{TeV\}$ $s = 13$ TeV. European Physical Journal C, 2019, 79, 1.	3.9	9
63	Measurement of exclusive $\rho^0$ photoproduction in ultraperipheral pPb collisions at $\sqrt{s_{NN}} = 5.02, \text{ext } \{TeV\}$ . European Physical Journal C, 2019, 79, 702.	3.9	33
64	Measurement of exclusive $\Upsilon$ photoproduction from protons in pPb collisions at $\sqrt{s_{NN}} = 5.02, \text{ext } \{TeV\}$ . European Physical Journal C, 2019, 79, 277.	3.9	35
65	Search for a heavy pseudoscalar boson decaying to a Z and a Higgs boson at $\sqrt{s}=13, \text{ext } \{TeV\}$ . European Physical Journal C, 2019, 79, 564.	3.9	50
66	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.	4.7	8
67	Measurement of the top quark mass in the all-jets final state at $\sqrt{s}=13, \text{ext } \{TeV\}$ $s = 13$ TeV and combination with the lepton+jets channel. European Physical Journal C, 2019, 79, 313.	3.9	40
68	Azimuthal separation in nearly back-to-back jet topologies in inclusive 2- and 3-jet events in $\sqrt{s}=13, \text{ext } \{TeV\}$ . European Physical Journal C, 2019, 79, 773.	3.9	8
69	Measurement of form factors from a Four-Dimensional Angular Analysis of $B \rightarrow \tilde{\nu}_\tau \tilde{\nu}_\tau$ . Physical Review Letters, 2019, 123, 091801.	7.8	24
70	Search for charged Higgs bosons in the $H_{\tilde{A}\pm} \rightarrow \tilde{l}_i, \tilde{A}\pm \tilde{l}_i/2$ , decay channel in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	4.7	54
71	Search for resonant production of second-generation sleptons with same-sign dimuon events in proton-proton collisions at $\sqrt{s} = 13, \text{ext } \{TeV\}$ $s = 13$ TeV. European Physical Journal C, 2019, 79, 305.	3.9	4
72	Search for supersymmetry with a compressed mass spectrum in the vector boson fusion topology with 1-lepton and 0-lepton final states in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	4.7	13

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73	Search for a low-mass $\tilde{l}_R, \tilde{l}_R^*$ resonance in association with a bottom quark in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	4.7	9
74	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 $\tilde{l}_R, \tilde{l}_R^*$ leptons. Journal of High Energy Physics, 2019, 2019, 1.	4.7	7
75	Search for the pair production of light top squarks in the $e^+e^- \rightarrow \tilde{t}_1 \tilde{t}_1^*$ final state in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	4.7	5
76	Combined measurements of Higgs boson couplings in proton-proton collisions at $\sqrt{s} = 13$ , $\sqrt{s} = 8$ TeV. European Physical Journal C, 2019, 79, 421.	3.9	355
77	Search for supersymmetry in events with a photon, jets, $\cancel{E}_T$ , and missing transverse momentum in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2019, 79, 444.	3.9	11
78	Measurements of the $pp \rightarrow WZ$ inclusive and differential production cross sections and constraints on charged anomalous triple gauge couplings at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	4.7	14
79	Measurement of the $t\bar{t}$ production cross section, the top quark mass, and the strong coupling constant using dilepton events in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2019, 79, 368.	3.9	68
80	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.	3.9	12
81	Search for nonresonant Higgs boson pair production in the $b\bar{b}b\bar{b}$ final state at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	4.7	11
82	Search for dark matter produced in association with a Higgs boson decaying to a pair of bottom quarks in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2019, 79, 280.	3.9	29
83	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.	4.7	13
84	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.	3.9	48
85	Search for single production of vector-like quarks decaying to a top quark and a $W$ boson in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2019, 79, 90.	3.9	34
86	Study of the underlying event in top quark pair production in $pp$ collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2019, 79, 123.	3.9	11
87	Search for rare decays of $Z$ and Higgs bosons to $J/\psi$ and a photon in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2019, 79, 94.	3.9	20
88	Search for new physics in final states with a single photon and missing transverse momentum in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	4.7	15
89	Observation of the Decay $D^0 \rightarrow K^+ K^- \pi^+ \pi^-$ . Physical Review Letters, 2019, 122, 081802.	7.8	7
90	Measurements of $t\bar{t}$ differential cross sections in proton-proton collisions at $\sqrt{s} = 13$ TeV using events containing two leptons. Journal of High Energy Physics, 2019, 2019, 1.	4.7	28



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91	Search for $\overline{\mathit{t}}\mathit{t}$ production in the $\mathit{H}$ or $\overline{\mathit{b}}\mathit{b}$ decay channel with leptonic $\overline{\mathit{t}}\mathit{t}$ decays in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2019, 1.	4.7	28
92	Search for supersymmetry in events with a photon, a lepton, and missing transverse momentum in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	4.7	6
93	Measurement of inclusive and differential Higgs boson production cross sections in the diphoton decay channel in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	4.7	14
94	Search for resonant $\overline{\mathit{t}}\mathit{t}$ production in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	4.7	23
95	Search for a Stable Six-Quark State at BABAR. Physical Review Letters, 2019, 122, 072002.	7.8	10
96	Search for production of Higgs boson pairs in the four b quark final state using large-area jets in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	4.7	14
97	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.	4.7	12
98	Search for heavy Majorana neutrinos in same-sign dilepton channels in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	4.7	40
99	Measurement of differential cross sections for inclusive isolated-photon and photon+jet production in proton-proton collisions at $\sqrt{s} = 13, \text{ext } \{\text{TeV}\}$ $s = 13$ TeV. European Physical Journal C, 2019, 79, 20.	3.9	18
100	Search for resonances decaying to a pair of Higgs bosons in the $\overline{\mathit{b}}\mathit{b}q\overline{q}$ final state in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	4.7	10
101	Measurements of triple-differential cross sections for inclusive isolated-photon+jet events in $\mathit{pp}$ collisions at $\sqrt{s} = 8, \text{ext } \{\text{TeV}\}$ . European Physical Journal C, 2019, 79, 969.	3.9	6
102	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.	4.7	18
103	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.	4.7	11
104	Measurement of the average very forward energy as a function of the track multiplicity at central pseudorapidities in proton-proton collisions at $\sqrt{s}=13, \text{ext } \{\text{TeV}\}$ . European Physical Journal C, 2019, 79, 893.	3.9	12
105	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.	4.7	54
106	Search for new physics in top quark production in dilepton final states in proton-proton collisions at $\sqrt{s} = 13, \text{ext } \{\text{TeV}\}$ . European Physical Journal C, 2019, 79, 886.	3.9	16
107	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.	4.7	13
108	Search for supersymmetry using Higgs boson to diphoton decays at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	4.7	4

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109	Measurements of differential Z boson production cross sections in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	4.7	28
110	Search for anomalous triple gauge couplings in WW and WZ production in lepton + jet events in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	4.7	15
111	Study of the $\mathcal{B}(\text{B}^0 \rightarrow \text{u}\bar{\text{u}}\gamma)$ decay in proton-proton collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	4.7	3
112	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.	3.9	10
113	Pseudorapidity distributions of charged hadrons in proton-lead collisions at $\sqrt{s_{\text{NN}}} = 5.02$ and 8.16 TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	8
114	Search for resonant and nonresonant Higgs boson pair production in the $b\bar{b} \rightarrow \text{H} \rightarrow \text{H} \rightarrow \text{b}\bar{b}$ final state in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	36
115	Search for new physics in events with a leptonically decaying Z boson and a large transverse momentum imbalance in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2018, 78, 291.	3.9	27
116	Measurements of the $\sigma(\text{pp} \rightarrow \text{ZZ})$ production cross section and the $\text{BR}(\text{Z} \rightarrow 4\ell)$ branching fraction, and constraints on anomalous triple gauge couplings at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2018, 78, 165.	3.9	52
117	Measurement of associated Z + charm production in proton-proton collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2018, 78, 287.	3.9	16
118	Measurement of the inclusive $\sigma(\text{pp} \rightarrow \text{t}\bar{\text{t}})$ cross section in pp collisions at $\sqrt{s} = 5.02$ TeV using final states with at least one charged lepton. Journal of High Energy Physics, 2018, 2018, 1.	4.7	5
119	Search for natural supersymmetry in events with top quark pairs and photons in pp collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	0
120	Search for new phenomena in final states with two opposite-charge, same-flavor leptons, jets, and missing transverse momentum in pp collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	5
121	Search for supersymmetry in events with at least three electrons or muons, jets, and missing transverse momentum in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	6
122	Combined search for electroweak production of charginos and neutralinos in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	57
123	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.	4.7	63
124	Measurement of differential cross sections in the kinematic angular variable $\tilde{\chi}^*$ for inclusive Z boson production in pp collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	4
125	Comparing transverse momentum balance of b jet pairs in pp and PbPb collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	12
126	Measurement of normalized differential $\sigma(\text{pp} \rightarrow \text{t}\bar{\text{t}})$ cross sections in the dilepton channel from pp collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	18



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127	Constraints on the double-parton scattering cross section from same-sign W boson pair production in proton-proton collisions at $\sqrt{s}=8$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	17
128	Search for ZZ resonances in the $2\ell, 2\ell\gamma$ final state in proton-proton collisions at 13 TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	4
129	Search for $\overline{t}tH$ production in the all-jet final state in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	20
130	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.	4.7	9
131	Measurement of the groomed jet mass in PbPb and pp collisions at $\sqrt{s_{NN}}=5.02$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	12
132	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.	4.7	11
133	Search for new phenomena in final states with two opposite-charge, same-flavor leptons, jets, and missing transverse momentum in pp collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	19
134	Search for natural and split supersymmetry in proton-proton collisions at $\sqrt{s}=13$ TeV in final states with jets and missing transverse momentum. Journal of High Energy Physics, 2018, 2018, 1.	4.7	43
135	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.	4.7	12
136	Search for an exotic decay of the Higgs boson to a pair of light pseudoscalars in the final state of two muons and two $\bar{l}, l$ leptons in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	34
137	Search for a charged Higgs boson decaying to charm and bottom quarks in proton-proton collisions at $\sqrt{s}=8$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	26
138	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.	4.7	13
139	Charged-particle nuclear modification factors in XeXe collisions at $\sqrt{s_{NN}} = 5.44$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	17
140	Measurement of the top quark mass with lepton+jets final states using $pp \rightarrow t\bar{t} + \text{jets}$ collisions at $\sqrt{s}=13$ TeV. European Physical Journal C, 2018, 78, 891.	3.9	34
141	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. Journal of High Energy Physics, 2018, 2018, 1.	4.7	18
142	Measurements of Higgs boson properties in the diphoton decay channel in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	57
143	Event shape variables measured using multijet final states in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	4
144	First Evidence for $\cos 2\theta$ and Resolution of the Cabibbo-Kobayashi-Maskawa Quark-Mixing Unitarity Triangle Ambiguity. Physical Review Letters, 2018, 121, 261801.	7.8	8

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145	Searches for pair production of charginos and top squarks in final states with two oppositely charged leptons in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	23
146	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.	4.7	82
147	Search for $Z\tilde{\nu}$ resonances using leptonic and hadronic final states in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	17
148	Measurement of the production cross section for single top quarks in association with W bosons in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	17
149	Search for black holes and sphalerons in high-multiplicity final states in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	14
150	Search for supersymmetry in events with a $\tilde{\nu}$ , lepton pair and missing transverse momentum in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	21
151	Search for the decay of a Higgs boson in the $\tilde{\nu}\tilde{\nu}^*$ channel in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	17
152	Search for third-generation scalar leptoquarks decaying to a top quark and a $\tilde{\nu}$ , lepton at $\sqrt{s}=13$ TeV. European Physical Journal C, 2018, 78, 707.	3.9	46
153	Measurement of differential cross sections for $Z$ boson production in association with jets in proton-proton collisions at $\sqrt{s}=13$ TeV. European Physical Journal C, 2018, 78, 965.	3.9	39
154	Studies of $B_s \rightarrow B_s^* \gamma$ and $B_s \rightarrow B_s^* \ell^+ \ell^-$ and $B_s \rightarrow B_s^* \ell^+ \ell^- \gamma$		

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163	Measurement of the $\sigma(\text{Z}/\gamma \rightarrow \text{e}^+\text{e}^-) / \sigma(\text{Z}/\gamma \rightarrow \mu^+\mu^-)$ , cross section in pp collisions at $\sqrt{s} = 13$ TeV and validation of $\sigma(\text{Z}/\gamma \rightarrow \mu^+\mu^-)$ . European Physical Journal C, 2018, 78, 708.	3.9	10
164	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.	4.7	42
165	Search for dark matter produced in association with a Higgs boson decaying to $\tau^+\tau^-$ or $\tau^+\nu_\tau$ at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	12
166	Search for additional neutral MSSM Higgs bosons in the $\tau^+\tau^-$ , final state in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	73
167	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.	4.7	11
168	Search for a heavy right-handed W boson and a heavy neutrino in events with two same-flavor leptons and two jets at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	34
169	Search for a heavy resonance decaying into a Z boson and a vector boson in the $u\bar{u}q\bar{q}$ final state. Journal of High Energy Physics, 2018, 2018, 1.	4.7	10
170	Measurement of the cross section for top quark pair production in association with a W or Z boson in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	35
171	Search for beyond the standard model Higgs bosons decaying into a $b\bar{b}$ pair in pp collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	21
172	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.	3.9	58
173	Measurement of prompt and nonprompt charmonium suppression in $\text{PbPb}$ collisions at 5.02 TeV. European Physical Journal C, 2018, 78, 509.	3.9	83
174	Search for lepton flavour violating decays of the Higgs boson to $\tau^+\mu^-$ , and $e\tau$ , in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	29
175	Evidence for associated production of a Higgs boson with a top quark pair in final states with electrons, muons, and hadronically decaying $t\bar{t}$ , leptons at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	38
176	Electroweak production of two jets in association with a Z boson in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2018, 78, 1.	3.9	17
177	Observation of proton-tagged, central (semi)exclusive production of high-mass lepton pairs in pp collisions at 13 TeV with the CMS-TOTEM precision proton spectrometer. Journal of High Energy Physics, 2018, 2018, 1.	4.7	29
178	Search for dark matter in events with energetic, hadronically decaying top quarks and missing transverse momentum at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	20
179	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.	4.7	16
180	Search for the flavor-changing neutral current interactions of the top quark and the Higgs boson which decays into a pair of b quarks at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	23

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181	Search for a singly produced third-generation scalar leptoquark decaying to a $\bar{l}$ , lepton and a bottom quark in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	15
182	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.	4.7	13
183	Measurement of the inelastic proton-proton cross section at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	62
184	Search for disappearing tracks as a signature of new long-lived particles in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	31
185	Search for high-mass resonances in dilepton final states in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	86
186	Search for low mass vector resonances decaying into quark-antiquark pairs in proton-proton collisions at $s = 13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	42
187	Jet properties in PbPb and pp collisions at $\sqrt{s_{\mathrm{N};\mathrm{N}}}=5.02$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	13
188	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.	4.7	37
189	Search for standard model production of four top quarks with same-sign and multilepton final states in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2018, 78, 140.	3.9	44
190	Measurement of b hadron lifetimes in pp collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2018, 78, 457.	3.9	15
191	Measurements of the $(p \rightarrow Z)$ production cross section and the $(Z \rightarrow 4\ell)$ branching fraction, and constraints on anomalous triple gauge couplings at $(\sqrt{s} = 13)$ TeV. , 2018, 78, 1.		3
192	Measurements of the $t\bar{t}$ production cross section in lepton+jets final states in pp collisions at $\sqrt{s}=8$ TeV and ratio of $8$ to $7\sqrt{s}$ TeV cross sections. European Physical Journal C, 2017, 77, 15.	3.9	34
193	Measurement of the $t\bar{t}$ production cross section using events in the $e\mu e\bar{\nu}_e$ final state in pp collisions at $\sqrt{s}=13$ TeV. European Physical Journal C, 2017, 77, 172.	3.9	40
194	Measurement and QCD analysis of double-differential inclusive jet cross sections in pp collisions at $s = 8$ TeV and cross section ratios to 2.76 and 7 TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	54
195	Search for electroweak production of charginos in final states with two $\bar{l}$ , leptons in pp collisions at $s = 8$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	11
196	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.	3.9	16
197	Measurement of the WZ production cross section in pp collisions at $\sqrt{s} = 7$ and $8$ TeV and search for anomalous triple gauge couplings at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2017, 77, 236.	3.9	37
198	Measurement of prompt and nonprompt $J/\psi$ production in pp and pPb collisions at $\sqrt{s_{\mathrm{N};\mathrm{N}}}=5.02$ TeV. European Physical Journal C, 2017, 77, 269.	3.9	53

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200	Search for $B \rightarrow K^* \ell^+ \ell^-$ at the BaBar Experiment. Physical Review Letters, 2017, 118, 031802.	7.8	35
201	Search for Invisible Decays of a Dark Photon Produced in $e^+e^-$ Collisions at BaBar. Physical Review Letters, 2017, 119, 131804.	7.8	272
202	Search for new physics in the monophoton final state in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	17
203	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.	3.9	52
204	Measurement of the jet mass in highly boosted $t\bar{t}$ events from pp collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2017, 77, 467.	3.9	23
205	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.	4.7	103
206	Search for $t\bar{t} \rightarrow t\bar{t} + \text{hadrons}$ resonances in highly boosted lepton+jets and fully hadronic final states in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	22
207	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.	4.7	14
208	Observation of $Y(1S)$ pair production in proton-proton collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	48
209	Search for anomalous $Wtb$ couplings and flavour-changing neutral currents in t-channel single top quark production in pp collisions at $\sqrt{s} = 7$ and 8 TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	35
210	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.	4.7	13
211	Measurement of the semileptonic $t\bar{t} \rightarrow t\bar{t} + \tau^+\tau^-$ production cross section in pp collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	11
212	Measurements of the $pp \rightarrow W\tau^+\tau^-$ and $pp \rightarrow Z\tau^+\tau^-$ cross sections and limits on anomalous quartic gauge couplings at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	10
213	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.	3.9	98
214	Measurement of the $D^*(2010) \rightarrow D^+ \pi^0$ Mass Difference. Physical Review Letters, 2017, 119, 202003.	7.8	2
215	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.	4.7	14
216	Search for heavy resonances decaying to tau lepton pairs in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	23

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217	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.	4.7	14
218	Measurement of the transverse momentum spectra of weak vector bosons produced in proton-proton collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	23
219	Suppression and azimuthal anisotropy of prompt and nonprompt $J/\psi$ production in PbPb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. European Physical Journal C, 2017, 77, 252.	3.9	82
220	Searches for pair production of third-generation squarks in $\sqrt{s} = 13$ TeV pp collisions. European Physical Journal C, 2017, 77, 327.	3.9	32
221	Measurement of the top quark mass using single top quark events in proton-proton collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2017, 77, 354.	3.9	23
222	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.	4.7	95
223	Search for massive resonances decaying into WW, WZ or ZZ bosons in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	22
224	Search for dark matter produced in association with heavy-flavor quark pairs in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2017, 77, 845.	3.9	38
225	Measurement of electroweak-induced production of $Wt^3$ with two jets in pp collisions at $\sqrt{s} = 8$ TeV and constraints on anomalous quartic gauge couplings. Journal of High Energy Physics, 2017, 2017, 1.	4.7	17
226	Searches for $W\epsilon^2$ 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.	4.7	8
227	Measurement of the inclusive energy spectrum in the very forward direction in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	10
228	Search for direct production of supersymmetric partners of the top quark in the all-jets final state in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	22
229	Search for electroweak production of charginos and neutralinos in WH events in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	15
230	Search for pair production of vector-like T and B quarks in single-lepton final states using boosted jet substructure in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	27
231	Search for top squark pair production in pp collisions at $\sqrt{s} = 13$ TeV using single lepton events. Journal of High Energy Physics, 2017, 2017, 1.	4.7	31
232	Search for top quark decays via Higgs-boson-mediated flavor-changing neutral currents in pp collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	15
233	Measurement of the $t\bar{t}\tilde{A}^0$ production cross section using events with one lepton and at least one jet in pp collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	15
234	Search for a heavy resonance decaying to a top quark and a vector-like top quark at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	5



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235	Search for physics beyond the standard model in events with two leptons of same sign, missing transverse momentum, and jets in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2017, 77, 578.	3.9	57
236	Search for top quark partners with charge $5/3$ in proton-proton collisions at $s = 13$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	3
237	Search for light bosons in decays of the 125 GeV Higgs boson in proton-proton collisions at $s = 8$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	29
238	Measurements of jet charge with dijet events in pp collisions at $s = 8$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	17
239	Search for associated production of a Z boson with a single top quark and for tZ flavour-changing interactions in pp collisions at $s = 8$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	21
240	Search for new physics with dijet angular distributions in proton-proton collisions at $s = 13$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	15
241	Search for dark matter produced with an energetic jet or a hadronically decaying W or Z boson at $s = 13$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	62
242	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 $s = 13$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	41
243	Search for new phenomena with multiple charged leptons in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2017, 77, 1.	3.9	2
244	Search for heavy resonances that decay into a vector boson and a Higgs boson in hadronic final states at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2017, 77, 636.	3.9	38
245	Search for high-mass $Z\tilde{\chi}^0_3$ resonances in $e^+e^-\tilde{\chi}^0_3$ and $\tilde{\chi}^0_3 + \tilde{\chi}^0_3$ final states in proton-proton collisions at $s = 8$ TeV and 13 TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	7
246	Search for heavy neutrinos or third-generation leptoquarks in final states with two hadronically decaying $\tilde{l}_i$ , leptons and two jets in proton-proton collisions at $s = 13$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	22
247	Search for CP violation in $t\bar{t}\tilde{A}^0$ production and decay in proton-proton collisions at $s = 8$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	4
248	Measurement of the triple-differential dijet cross section in proton-proton collisions at $\sqrt{s} = 8$ TeV and constraints on parton distribution functions. European Physical Journal C, 2017, 77, 746.	3.9	23
249	Search for a light pseudoscalar Higgs boson produced in association with bottom quarks in pp collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	10
250	Search for supersymmetry in events with at least one photon, missing transverse momentum, and large transverse event activity in proton-proton collisions at $s = 13$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	14
251	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.	4.7	101
252	Measurements of the associated production of a Z boson and b jets in pp collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2017, 77, 751.	3.9	30

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254	Search for dark matter and unparticles in events with a Z boson and missing transverse momentum in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	23
255	Decomposing transverse momentum balance contributions for quenched jets in PbPb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.7	18
256	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.	3.9	55
257	Measurement of the $W^+W^-$ cross section in pp collisions at $\sqrt{s} = 8$ TeV and limits on anomalous gauge couplings. European Physical Journal C, 2016, 76, 401.	3.9	74
258	Search for heavy resonances decaying to two Higgs bosons in final states containing four b quarks. European Physical Journal C, 2016, 76, 371.	3.9	33
259	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. Journal of High Energy Physics, 2016, 2016, 1.	4.7	17
260	Search for lepton flavour violating decays of heavy resonances and quantum black holes to an $e\mu$ pair in proton-proton collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2016, 76, 317.	3.9	16
261	Measurement of electroweak production of a W boson and two forward jets in proton-proton collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.7	5
262	Measurement of transverse momentum relative to dijet systems in PbPb and pp collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.7	31
263	Search for anomalous single top quark production in association with a photon in pp collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.7	27
264	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.	4.7	7
265	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.	4.7	13
266	Forward-backward asymmetry of Drell-Yan lepton pairs in pp collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2016, 76, 325.	3.9	25
267	Search for new physics in same-sign dilepton events in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2016, 76, 439. Observation of $\langle \mathbf{m}_T \rangle$ <a href="http://www.w3.org/1998/Math/MathML">http://www.w3.org/1998/Math/MathML</a>	3.9	64
268	$\frac{d\sigma}{d\Omega d\Omega'} \frac{d^2N}{d\Omega d\Omega' d\Omega_T} \frac{d^2N}{d\Omega d\Omega' d\Omega_T} \frac{d^2N}{d\Omega d\Omega' d\Omega_T}$	7.8	14
269	Measurement of dijet azimuthal decorrelation in pp collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2016, 76, 536.	3.9	16
270	Search for dark matter particles in proton-proton collisions at $\sqrt{s} = 8$ TeV using the razor variables. Journal of High Energy Physics, 2016, 2016, 1.	4.7	4

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272	Measurement of inclusive jet production and nuclear modifications in pPb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. European Physical Journal C, 2016, 76, 372.	3.9	29
273	Measurement of differential and integrated fiducial cross sections for Higgs boson production in the four-lepton decay channel in pp collisions at $\sqrt{s} = 7$ and 8 TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.7	19
274	Measurement of the $t\bar{t}$ production cross section in the $e\bar{\nu}_e$ channel in proton-proton collisions at $\sqrt{s} = 7$ and 8 TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.7	41
275	Search for new physics with the $M_{T2}$ variable in all-jets final states produced in pp collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.7	17
276	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.	4.7	13
277	Constraining anomalous Higgs boson couplings to the heavy-flavor fermions using matrix element techniques. Physical Review D, 2016, 94, .	4.7	79
278	Evidence for exclusive $\bar{t}t'W + W\bar{a}'$ 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.	4.7	42
279	Search for supersymmetry in pp collisions at $\sqrt{s} = 13$ TeV in the single-lepton final state using the sum of masses of large-radius jets. Journal of High Energy Physics, 2016, 2016, 1.	4.7	14
280	Search for direct pair production of supersymmetric top quarks decaying to all-hadronic final states in pp collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2016, 76, 460.	3.9	18
281	Azimuthal decorrelation of jets widely separated in rapidity in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.7	20
282	Phenomenological MSSM interpretation of CMS searches in pp collisions at $\sqrt{s} = 7$ and 8 TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.7	12
283	Measurement of the mass of the top quark in decays with a $J/\psi$ meson in pp collisions at 8 TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.7	6
284	Measurement of the inclusive jet cross section in pp collisions at $\sqrt{s} = 2.76$ TeV. European Physical Journal C, 2016, 76, 1.	3.9	26
285	Measurement of $t\bar{t}$ production with additional jet activity, including b quark jets, in the dilepton decay channel using pp collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2016, 76, 379.	3.9	34
286	Measurement of the differential cross section and charge asymmetry for inclusive $p\bar{p} \rightarrow W^{\pm} + X$ production at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2016, 76, 469.	3.9	83
287	Observation of top quark pairs produced in association with a vector boson in pp collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.7	23
288	Search for $W\bar{a}'tb$ in proton-proton collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.7	3

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290	Search for the production of an excited bottom quark decaying to $tW$ in proton-proton collisions at $\sqrt{s}=8$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.7	5
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312	Search for a Higgs boson in the mass range from 145 to 1000 GeV decaying to a pair of W or Z bosons. Journal of High Energy Physics, 2015, 2015, 1.	4.7	92
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388	Search for new physics in events with same-sign dileptons and b jets in pp collisions at $\sqrt{s}=8$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	4.7	33
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458	Branching fraction of $B \rightarrow \ell \ell^+ \ell^-$ decays. Physical Review D, 2012, 86, .	4.7	10
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473	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.	4.7	117
474	Search for leptonic decays of $W\hat{\epsilon}^2$ bosons in pp collisions at $\sqrt{s} = \{7\}$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	49
475	Search for stopped long-lived particles produced in pp collisions at $\sqrt{s} = \{\text{ext}\{7\text{TeV}\}\}$ . Journal of High Energy Physics, 2012, 2012, 1.	4.7	17
476	Search for new physics in events with same-sign dileptons and b-tagged jets in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	30
477	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.	4.7	13
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480	Search for a fermiophobic Higgs boson in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	15
481	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.	4.7	95
482	Measurement of jet fragmentation into charged particles in pp and PbPb collisions at $\sqrt{s_{\text{NN}}}} = 2.76$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	85
483	Measurement of the $t\bar{t}$ production cross section in the dilepton channel in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	69
484	Search for exclusive or semi-exclusive $\gamma\gamma$ production and observation of exclusive and semi-exclusive $e^+e^-$ production in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	51
485	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.	4.7	7
486	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.	4.7	41

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488	Search for resonant $\overline{\text{t}}\text{t}$ production in lepton+jets events in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	26
489	Observation of Z decays to four leptons with the CMS detector at the LHC. Journal of High Energy Physics, 2012, 2012, 1.	4.7	34
490	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.	4.7	83
491	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.	4.7	14
492	Measurement of the top-quark mass in $\overline{\text{t}}\text{t}$ events with lepton+jets final states in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	38
493	Search for $B \rightarrow \bar{c} + X$ , $B \rightarrow \bar{c} + \gamma$ decays in events with a fully reconstructed B meson. Physical Review D, 2012, 85, 4	4.7	1
494	Measurement of the semileptonic branching fraction of the $B_c$ meson. Physical Review D, 2012, 85, .	4.7	12
495	Study of $B_c \rightarrow P$ violation in the decay $B_c \rightarrow \bar{c} + \ell + \bar{\nu}_\ell$ . Physical Review D, 2012, 85, .	4.7	33
496	Observation and study of the baryonic B-meson decays $B \rightarrow D^{(*)} p \bar{c} + \bar{\nu}_c$ . Physical Review D, 2012, 85, .	4.7	21
497	Study of $B_c \rightarrow K$ violation in Dalitz-plot analyses of $B_c \rightarrow P$ . Physical Review D, 2012, 85, .	4.7	11
498	Measurement of the top-quark mass in $\overline{\text{t}}\text{t}$ events with dilepton final states in pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2012, 72, 1.	4.7	47
499	Measurement of the top-quark mass in $\overline{\text{t}}\text{t}$ events with dilepton final states in pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2012, 72, 1.	4.7	50
500	Measurement of the top-quark mass in $\overline{\text{t}}\text{t}$ events with dilepton final states in pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2012, 72, 1.	4.7	39
501	Measurement of the underlying event in the Drell-Yan process in proton-proton collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2012, 72, 1.	3.9	33
502	Study of the inclusive production of charged pions, kaons, and protons in pp collisions at $\sqrt{s} = 0.9, 2.76, 7$ TeV. European Physical Journal C, 2012, 72, 1.	3.9	154
503	A search for a doubly-charged Higgs boson in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2012, 72, 1.	3.9	129
504	Measurement of the top-quark mass in $\overline{\text{t}}\text{t}$ events with dilepton final states in pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2012, 72, 1.	3.9	42

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505	Ratios of dijet production cross sections as a function of the absolute difference in rapidity between jets in proton-proton collisions at $\sqrt{s} = 7 \text{ TeV}$ . European Physical Journal C, 2012, 72, 1.	3.9	26

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524	Search for $b \rightarrow u$ transitions in $B_{s,d}^{\pm} \rightarrow [K^* \bar{K}^*] DK_{s,d}^{\pm}$ decays. Physical Review D, 2011, 84, .	4.7	12
525	Search for CP violation in the decay $D_{s,d}^{\pm} \rightarrow K^0 \bar{K}^{\pm}$ . Physical Review D, 2011, 83, .	4.7	23
526	Searches for rare or forbidden semileptonic charm decays. Physical Review D, 2011, 84, .	4.7	42
527	Studies of $b \rightarrow c$ transitions in $B_{s,d}^{\pm} \rightarrow [K^* \bar{K}^*] DK_{s,d}^{\pm}$ decays. Physical Review D, 2011, 84, .	4.7	33
528	Searches for the baryon- and lepton-number violating decays $\Lambda_b \rightarrow p e^+ e^-$ and $\Lambda_b \rightarrow n e^+ e^-$ . Physical Review D, 2011, 83, .	4.7	19
529	Observation of the baryonic $B$ decay $B^0 \rightarrow \bar{K}^* \bar{K}^* \pi^+$ . Physical Review D, 2011, 83, .	4.7	19
530	Observation of the rare decay $B^0 \rightarrow \bar{K}^* \bar{K}^* \pi^+$ . Physical Review D, 2011, 84, .	4.7	3
531	Measurement of the quasi-two-body contributions to $B \rightarrow K^* \bar{K}^* \pi^+$ . Physical Review D, 2011, 84, .	4.7	16
532	Measurement of partial branching fractions of inclusive charmless $B$ meson decays to $K^+ K^0$ , and $\bar{K}^0 \pi^+$ . Physical Review D, 2011, 83, .	4.7	4
533	Study of dipion bottomonium transitions and search for the $\chi_{c0}$ meson. Physical Review D, 2011, 83, .	4.7	8
534	Measurement of the mass and width of the $D_{s1}(2536)^+$ meson. Physical Review D, 2011, 83, .	4.7	13
535	Evidence for the $h_b(1P)$ meson in the decay $\Upsilon(3S) \rightarrow \bar{c} c h_b(1P)$ . Physical Review D, 2011, 84, .	4.7	28
536	Study of $b \rightarrow c$ transitions in $B_{s,d}^{\pm} \rightarrow [K^* \bar{K}^*] DK_{s,d}^{\pm}$ decays. Physical Review D, 2011, 84, .	4.7	92
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539	Charged particle multiplicities in pp interactions at $\sqrt{s} = 0.9, 2.36,$ and $7$ TeV. Journal of High Energy Physics, 2011, 2011, 1.	4.7	106
540	Measurements of inclusive W and Z cross sections in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2011, 2011, 1.	4.7	122

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543	Measurement of $\overline{B}B$ angular correlations based on secondary vertex reconstruction at $\sqrt{s} = 7\text{ TeV}$ . Journal of High Energy Physics, 2011, 2011, 1.	4.7	32
544	Measurement of the lepton charge asymmetry in inclusive W production in pp collisions at $\sqrt{s} = 7\text{ TeV}$ . Journal of High Energy Physics, 2011, 2011, 1.	4.7	59
545	Measurement of Bose-Einstein correlations in pp collisions at $\sqrt{s} = 0.9$ and 7 TeV. Journal of High Energy Physics, 2011, 2011, 1.	4.7	30
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550	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.	4.7	46
551	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.	4.7	10
552	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.	4.7	53
553	Long-range and short-range dihadron angular correlations in central PbPb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2011, 2011, 1.	4.7	65
554	Search for light resonances decaying into pairs of muons as a signal of new physics. Journal of High Energy Physics, 2011, 2011, 1.	4.7	13
555	Search for supersymmetry in events with b jets and missing transverse momentum at the LHC. Journal of High Energy Physics, 2011, 2011, 1.	4.7	29
556	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.	4.7	40
557	Charged particle transverse momentum spectra in pp collisions at $\sqrt{s} = 0.9$ and 7 TeV. Journal of High Energy Physics, 2011, 2011, 1.	4.7	56
558	Measurement of the inclusive Z cross section via decays to tau pairs in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2011, 2011, 1.	4.7	20



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560	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.	4.7	49
561	Search for supersymmetry in pp collisions at $\sqrt{s} = 7$ TeV in events with a single lepton, jets, and missing transverse momentum. Journal of High Energy Physics, 2011, 2011, 1.	4.7	32
562	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.	4.7	97
563	Measurement of the Drell-Yan cross section in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2011, 2011, 1.	4.7	36
564	Measurement of the inclusive W and Z production cross sections in pp collisions at $\sqrt{s} = 7$ TeV with the CMS experiment. Journal of High Energy Physics, 2011, 2011, 1.	4.7	158
565	Measurement of energy flow at large pseudorapidities in pp collisions at $\sqrt{s} = 0.9$ and 7 TeV. Journal of High Energy Physics, 2011, 2011, 1.	4.7	25
566	Search for Production of Invisible Final States in Single-Photon Decays of $\chi^0$ and $\chi^{\pm}$ . Journal of High Energy Physics, 2011, 2011, 1.	7.8	49
567	Measurement of the inclusive production cross sections of $\chi^0$ and $\chi^{\pm}$ in pp collisions at $\sqrt{s} = 7$ TeV with the CMS experiment. Journal of High Energy Physics, 2011, 2011, 1.	4.7	158
568	Branching fraction measurements of the color-suppressed decays $B^0 \rightarrow D^{(*)} \rho^0$ and $B^0 \rightarrow D^{(*)} \omega$ , and measurement of the polarization in the decay $B^0 \rightarrow D^{(*)} \rho^0$ . Physical Review D, 2011, 84, .	4.7	16
569	Analysis of the $B^0 \rightarrow D^+ \rho^-$ decay channel. Physical Review D, 2011, 83, .	4.7	15
570	Study of $B^0 \rightarrow D^+ \rho^-$ and $B^0 \rightarrow D^+ \omega$ hadronic transitions. Physical Review D, 2011, 84, .	4.7	15
571	Measurement of the $B^0 \rightarrow D^+ \rho^-$ form factors. Physical Review D, 2011, 84, .	4.7	100
572	Search for the decay $B^0 \rightarrow D^+ \rho^-$ . Physical Review D, 2011, 83, .	4.7	5
573	Dalitz plot analysis of $B^0 \rightarrow D^+ \rho^-$ . Physical Review D, 2011, 83, .	4.7	15
574	Measurement of the $B^0 \rightarrow D^+ \rho^-$ form factor shape determination of $ V_{ub} $ . Physical Review D, 2011, 83, .	4.7	29
575	Publisher's Note: Study of radiative bottomonium transitions using converted photons [Phys. Rev. D, 2011, 84, 072002 (2011)]. Physical Review D, 2011, 84, .	4.7	2
576	Measurements of branching fractions and asymmetries and studies of angular distributions for $B^0 \rightarrow D^+ \rho^-$ and $B^0 \rightarrow D^+ \omega$ . Physical Review D, 2011, 84, .	4.7	9

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578	Search for CP violation using T-odd correlations in $D^+ \rightarrow K^0 \ell^+ \ell^-$ and $D_s^+ \rightarrow K^0 \ell^+ \ell^-$ decays. Physical Review D, 2011, 84, .	4.7	14
579	Observation of the Decay $B \rightarrow \gamma^* \rightarrow \gamma \ell^+ \ell^-$ . Physical Review Letters, 2011, 107, 041804.	7.8	55
580	Measurement of energy flow at large pseudorapidities in pp collisions at $\sqrt{s} = 0.9$ and 7 TeV. , 2011, 2011, 1.		5
581	First measurement of the underlying event activity at the LHC with $\sqrt{s} = 0.9$ TeV. European Physical Journal C, 2010, 70, 555-572.	3.9	50
582	CMS tracking performance results from early LHC operation. European Physical Journal C, 2010, 70, 1165-1192.	3.9	120
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584	Observation of long-range, near-side angular correlations in proton-proton collisions at the LHC. Journal of High Energy Physics, 2010, 2010, 1.	4.7	497
585	Test of Lepton Universality in $B \rightarrow \gamma^* \rightarrow \gamma \ell^+ \ell^-$ Decays. Physical Review Letters, 2010, 105, 121801.	7.8	56
586	Search for $B \rightarrow \gamma^* \rightarrow \gamma \ell^+ \ell^-$ transitions in $B \rightarrow \gamma^* \rightarrow \gamma \ell^+ \ell^-$ and $D^* \rightarrow K^* \ell^+ \ell^-$ decays. Physical Review D, 2010, 82, .	4.7	25
587	Evidence for Direct CP Violation in the Measurement of the Cabbibo-Kobayashi-Maskawa Angle $\beta$ with $B \rightarrow D^* K^* \ell^+ \ell^-$ Decays. Physical Review Letters, 2010, 105, 121801.	7.8	56
588	Search for Charged Lepton Flavor Violation in Narrow $B$ Decays. Physical Review Letters, 2010, 104, 151802.	7.8	26
589	Measurement of $D^0 \rightarrow D^* \ell^+ \ell^-$ Mixing Parameters Using $D^0 \rightarrow K^0 \ell^+ \ell^-$ and $D^0 \rightarrow K^0 K^+ K^-$ Decays. Physical Review Letters, 2010, 105, 081803.	7.8	80
590	Search for $B \rightarrow \gamma^* \rightarrow \gamma \ell^+ \ell^-$ Decays. Physical Review Letters, 2010, 104, 151802.	7.8	6
591	Measurement of $B \rightarrow \gamma^* \rightarrow \gamma \ell^+ \ell^-$ observables in $B \rightarrow \gamma^* \rightarrow \gamma \ell^+ \ell^-$ decays. Physical Review D, 2010, 82, .	4.7	32
592	Exclusive production of $B \rightarrow D^* \ell^+ \ell^-$ decays. Physical Review D, 2010, 82, .	4.7	28
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594	Measurement of $B \rightarrow \gamma^* \rightarrow \gamma \ell^+ \ell^-$ and the Form-Factor Slope in $B \rightarrow \gamma^* \rightarrow \gamma \ell^+ \ell^-$ decays. Physical Review D, 2010, 82, .	7.8	67

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596	Measurement of the form factor. Physical Review D, 2010, 81, .	4.7	48
597	Measurement of branching fractions of $B$ decays to $K_1(1270)$ and $K_1(1400)$ and determination of the CKM angle $\alpha_1(1260)$ . Physical Review D, 2010, 81, .	4.7	16
598	Publisher's Note: Spin determination of single-produced resonances at hadron colliders [Phys. Rev. D81, 075022 (2010)]. Physical Review D, 2010, 81, .	4.7	3
599	Search for the rare decay $B \rightarrow \ell \nu D$ . Physical Review D, 2010, 82, .	4.7	33
600	Search for the rare decay $B \rightarrow K \ell \nu$ . Physical Review D, 2010, 82, .	4.7	26
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602	Search for $B^+$ meson decay to $\Lambda(1260)K^*(892)$ . Physical Review D, 2010, 82, .	4.7	6
603	Evidence for the decay $B \rightarrow X$ . Physical Review D, 2010, 82, .	4.7	17
604	Search for $B^+ D^+ K^0$ and $B^+ D^+ K^0$ decays. Physical Review D, 2010, 82, .	4.7	4
605	Search for $B \rightarrow \ell \nu B$ against $B \rightarrow \ell \nu B$ . Physical Review D, 2010, 81, .	4.7	70
606	$B$ -meson decays to $\ell \nu \ell \nu$ , and $\ell \nu K^*$ . Physical Review D, 2010, 82, .	4.7	11
607	Observation of the rare decay $B \rightarrow K S^0$ . Physical Review D, 2010, 82, .	4.7	8
608	Observation of inclusive $B \rightarrow D$ in the decay of $B \rightarrow \ell \nu D$ . Physical Review D, 2010, 82, .	4.7	5
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612	Observation of the decay $B^+ \rightarrow \ell^+ \nu c + p \bar{\nu} \ell^0$ . Physical Review D, 2010, 82, .	4.7	7

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615	Search for CP violation using T-odd correlations in $D_0 \hat{1}^+ K \hat{0}^+ \hat{1}^3$ decays. Physical Review D, 2010, 81, .	4.7	72
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620	Search for Second-Class Currents in $B \rightarrow X \hat{1}^3$ decays. Physical Review Letters, 2009, 103, 041802.	7.8	29
621	Measurements of the semileptonic decays $B \rightarrow X \hat{1}^3$ decays. Physical Review Letters, 2009, 103, 041802.	7.8	29
622	Measurement of the $B \rightarrow X \hat{1}^3$ decays. Physical Review Letters, 2009, 103, 041802.	7.8	29
623	Measurements of the $B \rightarrow X \hat{1}^3$ decays. Physical Review Letters, 2009, 103, 041802.	7.8	29
624	Search for a Low-Mass Higgs Boson in $B \rightarrow X \hat{1}^3 A_0, A_0 \hat{1}^+, \hat{1}^3$ at BABAR. Physical Review Letters, 2009, 103, 181801.	7.8	54
625	Improved Measurement of $B \rightarrow X \hat{1}^3$ decays. Physical Review Letters, 2009, 103, 021801.	7.8	27
626	Determination of the Quark-Mixing Phase Angle $\beta$ . Physical Review Letters, 2009, 103, 141802.	7.8	27
627	Improved Limits on Lepton-Flavor-Violating $B \rightarrow X \hat{1}^3$ Decays to $\hat{1}^3, \hat{1}^3, \hat{1}^3, K^*$ , and $\hat{1}^3, K^*$ . Physical Review Letters, 2009, 103, 021801.	7.8	11
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634	Asymmetries in the Decays $B \rightarrow \tau \nu$ . Physical Review D, 2009, 80, .	7.8	70
635	Dalitz plot analysis of $B \rightarrow \tau \nu$ decays. Physical Review D, 2009, 80, .	7.8	70
636	Measurement of $B \rightarrow \tau \nu$ branching fraction and improved measurements for $B \rightarrow \tau \nu$ and $B \rightarrow \tau \nu$ . Physical Review D, 2009, 80, .	7.8	70
637	Measurement of $B \rightarrow \tau \nu$ branching fraction and improved measurements for $B \rightarrow \tau \nu$ and $B \rightarrow \tau \nu$ . Physical Review D, 2009, 80, .	7.8	4
638	Model-independent search for the decay $B \rightarrow \tau \nu$ . Physical Review D, 2009, 80, .	4.7	19
639	Observation and polarization measurement of $B \rightarrow \tau \nu$ decay. Physical Review D, 2009, 80, .	4.7	6
640	Dalitz plot analysis of $B \rightarrow \tau \nu$ decays. Physical Review D, 2009, 79, .	4.7	49
641	Observation of $B \rightarrow \tau \nu$ meson decays to $B \rightarrow \tau \nu$ and improved measurements for $B \rightarrow \tau \nu$ and $B \rightarrow \tau \nu$ . Physical Review D, 2009, 80, .	4.7	13
642	Constraints on the CKM angle $\beta$ in $B \rightarrow \tau \nu$ and $B \rightarrow \tau \nu$ decays. Physical Review D, 2009, 79, .	4.7	13
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644	Search for $B$ meson decays to $B \rightarrow \tau \nu$ , $B \rightarrow \tau \nu$ , and $B \rightarrow \tau \nu$ . Physical Review D, 2009, 80, .	4.7	5
645	Measurement of the $B \rightarrow \tau \nu$ and $B \rightarrow \tau \nu$ branching fractions. Physical Review D, 2009, 79, .	4.7	12
646	Search for the decay $B \rightarrow \tau \nu$ . Physical Review D, 2009, 79, .	4.7	13
647	Measurement of the semileptonic decays $B \rightarrow \tau \nu$ , $B \rightarrow \tau \nu$ , and $B \rightarrow \tau \nu$ . Physical Review D, 2009, 79, .	4.7	18
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651	Evidence for $B \rightarrow K^* K^* \ell^+ \ell^-$ . Physical Review D, 2009, 79, .	4.7	7
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653	Measurement of $B \rightarrow D^0 \ell^+ \ell^-$ meson decays to charmless meson pairs containing $B \rightarrow D^0 \ell^+ \ell^-$ . Physical Review D, 2009, 80, .	4.7	16
654	Measurement of $B \rightarrow D^0 \ell^+ \ell^-$ mixing using the ratio of lifetimes for the decays $B \rightarrow D^0 \ell^+ \ell^-$ . Physical Review D, 2009, 80, .	4.7	17
655	Dalitz plot analysis of $D_s \rightarrow \ell^+ \ell^- \ell^+ \ell^-$ . Physical Review D, 2009, 79, .	4.7	38
656	Search for B-meson decays to $B \rightarrow K^* \ell^+ \ell^-$ . Physical Review D, 2009, 80, .	4.7	7
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658	Search for the rare leptonic decays $B \rightarrow \ell^+ \ell^-$ . Physical Review D, 2009, 79, .	4.7	16
659	Measurement of the branching fraction and $\hat{\Gamma}^*$ polarization in $B \rightarrow \ell^+ \ell^- \ell^+ \ell^-$ . Physical Review D, 2009, 79, .	4.7	15
660	Measurement of the branching fraction and $\hat{\Gamma}^*$ polarization in $B \rightarrow \ell^+ \ell^- \ell^+ \ell^-$ . Physical Review D, 2009, 79, .	4.7	0
661	Measurement of the branching fraction and $\hat{\Gamma}^*$ polarization in $B \rightarrow \ell^+ \ell^- \ell^+ \ell^-$ . Physical Review D, 2009, 79, .		



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668	Measurement of the mass difference $m(B_0) - m(B^+)$ . Physical Review D, 2008, 78, .	4.7	4
669	Publisher's Note: Search for the rare charmless hadronic decay $B \rightarrow \pi^0 \pi^0$ [Phys. Rev. D 77, 011101 (2008)]. Physical Review D, 2008, 77, .	4.7	0
670	Study of hadronic transitions between $B$ and $B^*$ states and observation of $B \rightarrow \pi^0 \pi^0$ decays. Physical Review D, 2008, 77, .	4.7	31
671	Search for $B \rightarrow \pi^0 \pi^0$ decays. Physical Review D, 2008, 78, .	4.7	15
672	Time-dependent Dalitz plot analysis of $B_0 \rightarrow D^+ K^0 \pi^0$ decays. Physical Review D, 2008, 77, .	4.7	8
673	Dalitz plot analysis of the decay $B_0 \rightarrow \pi^0 \pi^0$ . Physical Review D, 2008, 78, .	4.7	27
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677	Search for $B \rightarrow \pi^0 \pi^0$ decays with hadronic B tags. Physical Review D, 2008, 77, .	4.7	64
678	Measurement of time-dependent $B \rightarrow \pi^0 \pi^0$ asymmetry in $B \rightarrow \pi^0 \pi^0$ decays. Physical Review D, 2008, 78, .	4.7	27
679	Search for the rare charmless hadronic decay $B \rightarrow \pi^0 \pi^0$ . Physical Review D, 2008, 77, .	4.7	5
680	Measurement of the CP-violating asymmetries in $B_0 \rightarrow K^0 \pi^0$ and of the branching fraction $B_0 \rightarrow K^0 \pi^0$ . Physical Review D, 2008, 77, .	4.7	10
681	Search for $B \rightarrow \pi^0 \pi^0$ decays with hadronic B tags. Physical Review D, 2008, 77, .	4.7	89
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688	Measurement of the $B \rightarrow X s \gamma$ fraction and photon energy spectrum using the recoil method. Physical Review D, 2008, 77, .	4.7	168
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693	Search for $B \rightarrow K^* K^* \hat{A}^-$ . Physical Review D, 2008, 78, .	4.7	5
694	Observation of $B \rightarrow b_1 K_0$ and search for B-meson decays to $10 K_0$ and $1 \hat{A}^0$ . Physical Review D, 2008, 78, .	4.7	11
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698	Measurements of $B \rightarrow e^+ e^-$ . Physical Review D, 2008, 77, .	4.7	163
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709	Measurement of the Absolute Branching Fraction of $D^0 \rightarrow K^+ \ell^+ \ell^-$ . Physical Review Letters, 2008, 100, 051802.	7.8	9
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714	Measurement of the spin of the $\Lambda_c(3100)^+$ . Physical Review Letters, 2008, 100, 021801.	4.7	23
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719	Measurements of $B^0 \rightarrow C^+ P^- \ell^+ \ell^-$ Decays. Physical Review Letters, 2008, 100, 021801.	4.7	69
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724	Measurement of the CP Asymmetry in $B \rightarrow \bar{D}^* \ell^+ \nu_\ell$ Using a Sum of Exclusive Final States. Physical Review Letters, 2008, 101, 171804.	7.8	12
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726	Observation of $B \rightarrow \bar{D}^* \ell^+ \nu_\ell$ and Search for $B \rightarrow \bar{D}^* \ell^+ \nu_\ell$ . Physical Review Letters, 2008, 100, 081801.	7.8	133
727	Measurements of $B \rightarrow \bar{D}^* \ell^+ \nu_\ell$ Branching Fractions and Determination of $ V_{ub} $ with Semileptonically Tagged $B$ Mesons. Physical Review Letters, 2008, 101, 081801.	7.8	25
728	Measurement of the Branching Fractions of $B \rightarrow \bar{D}^* \ell^+ \nu_\ell$ Decays in Events Tagged by a Fully Reconstructed $B$ . Physical Review Letters, 2008, 101, 161802.	7.8	46
729	Search for Lepton Flavor Violating Decays $B \rightarrow \bar{D}^* \ell^+ \nu_\ell$ . Physical Review Letters, 2008, 100, 071802.	7.8	56
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731	Study of $B$ Meson Decays with Excited $\bar{D}^*$ and $\bar{D}^*$ Mesons. Physical Review Letters, 2008, 101, 091801.	7.8	11
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762	Observation of $B \rightarrow \pi^0 K^*$ and Evidence for $B \rightarrow \pi^0 K^*$ . Physical Review Letters, 2007, 98, 051802.	7.8	7
763	Branching Fraction Measurements of $B \rightarrow \pi^0 \pi^0$ , $B \rightarrow \pi^0 \pi^+$ , and $B \rightarrow \pi^0 \pi^0$ . Physical Review Letters, 2007, 98, 151802.	7.8	23
764	Measurement of CP-Violating Asymmetries in $B \rightarrow D^0 K^*$ . Physical Review Letters, 2007, 99, 071801.	7.8	22
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766	Observation of CP Violation in $B \rightarrow \pi^0 K^0$ Decays. Physical Review Letters, 2007, 98, 031801.	7.8	29
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818	Measurement of branching fractions in radiative B decays to $\bar{K}^* \bar{K}^*$ and search for B decays to $\bar{K}^* \bar{K}^*$ . Physical Review D, 2006, 74, .	4.7	11
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992	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, .	4.7	15
993	Measurement of the branching fractions for the exclusive decays of $B^0$ and $B^+$ to $D^{(*)} D^{(*)} K$ . Physical Review D, 2003, 68, .	4.7	22
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