

# Pedrame Bargassa

## List of Publications by Year in descending order

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Version: 2024-02-01

470  
papers

23,917  
citations

11651

70  
h-index

14759

127  
g-index

481  
all docs

481  
docs citations

481  
times ranked

10424  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	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
5	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
6	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
7	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
8	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
9	Search for a heavy resonance decaying into a top quark and a W boson in the lepton+jets final state at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2022, 2022, 1.	4.7	2
10	Search for heavy resonances decaying to ZZ or ZW and axion-like particles mediating nonresonant ZZ or ZH production at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2022, 2022, 1.	4.7	6
11	Quantum speedup for track reconstruction in particle accelerators. Physical Review D, 2022, 105, .	4.7	5
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	Observation of $B^0 \rightarrow \psi(2S) K^0_{\text{unflavored}}$ and $B^0_{\text{unflavored}} \rightarrow \psi(2S) K^0_{\text{unflavored}}$ decays. European Physical Journal C, 2022, 82, .	3.9	1
18	Search for dark matter produced in association with a leptonically decaying Z boson in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2021, 81, 13.	3.9	33

#	ARTICLE	IF	CITATIONS
19	Search for top squark pair production using dilepton final states in $\sqrt{s}=13, \text{TeV}$ collision data collected at $\sqrt{s}=13, \text{TeV}$ . European Physical Journal C, 2021, 81, 3.	3.9	33
20	Measurements of $\text{pp} \rightarrow \text{ZZ}$ production cross sections and constraints on anomalous triple gauge couplings at $\sqrt{s} = 13, \text{TeV}$ . European Physical Journal C, 2021, 81, 200.	3.9	24
21	Development and validation of HERWIG <sup>7</sup> tunes from CMS underlying-event measurements. European Physical Journal C, 2021, 81, 312.	3.9	12
22	Measurement of the Higgs boson production rate in association with top quarks in final states with electrons, muons, and hadronically decaying tau leptons at $\sqrt{s} = 13, \text{TeV}$ . European Physical Journal C, 2021, 81, 378.	3.9	40
23	Measurements of production cross sections of the Higgs boson in the four-lepton final state in proton-proton collisions at $\sqrt{s} = 13, \text{TeV}$ . European Physical Journal C, 2021, 81, 488.	3.9	35
24	Measurements of Higgs boson production cross sections and couplings in the diphoton decay channel at $\sqrt{s} = 13 \text{ TeV}$ . Journal of High Energy Physics, 2021, 2021, 1.	4.7	27
25	MUSIC: a model-unspecific search for new physics in proton-proton collisions at $\sqrt{s} = 13, \text{TeV}$ . European Physical Journal C, 2021, 81, 629.	3.9	18
26	Search for a heavy vector resonance decaying to a $\text{ZZ}$ boson and a Higgs boson in proton-proton collisions at $\sqrt{s} = 13, \text{TeV}$ . European Physical Journal C, 2021, 81, 688.	3.9	9
27	Search for charged Higgs bosons produced in vector boson fusion processes and decaying into vector boson pairs in proton-proton collisions at $\sqrt{s} = 13, \text{TeV}$ . European Physical Journal C, 2021, 81, 723.	3.9	19
28	Measurements of angular distance and momentum ratio distributions in three-jet and $\text{ZZ}$ + two-jet final states in $\text{pp}$ collisions. European Physical Journal C, 2021, 81, 852.	3.9	2
29	Precision luminosity measurement in proton-proton collisions at $\sqrt{s} = 13, \text{TeV}$ in 2015 and 2016 at CMS. European Physical Journal C, 2021, 81, 800.	3.9	123
30	Combined searches for the production of supersymmetric top quark partners in proton-proton collisions at $\sqrt{s} = 13, \text{TeV}$ . European Physical Journal C, 2021, 81, 970.	3.9	18
31	Quantum algorithm for the classification of supersymmetric top quark events. Physical Review D, 2021, 104, .	4.7	4
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	Performance of the reconstruction and identification of high-momentum muons in proton-proton collisions at $\sqrt{s} = 13 \text{ TeV}$ . Journal of Instrumentation, 2020, 15, P02027-P02027.	1.2	27
34	Study of central exclusive "Equation missing" production in proton-proton collisions at $\sqrt{s} = 5.02$ and $13 \text{ TeV}$ . European Physical Journal C, 2020, 80, 718.	3.9	7
35	Performance of the CMS Level-1 trigger in proton-proton collisions at $\sqrt{s} = 13 \text{ TeV}$ . Journal of Instrumentation, 2020, 15, P10017-P10017.	1.2	84
36	Search for direct top squark pair production in events with one lepton, jets, and missing transverse momentum at $13 \text{ TeV}$ with the CMS experiment. Journal of High Energy Physics, 2020, 2020, 1.	4.7	21

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37	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
38	Search for direct pair production of supersymmetric partners to the $\tau$ lepton in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2020, 80, 189.	3.9	22
39	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
40	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
41	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
42	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
43	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
44	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
45	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
46	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
47	Measurement of 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
48	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
49	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.	3.9	40
50	Azimuthal separation in nearly back-to-back jet topologies in inclusive 2- and 3-jet events in $pp$ collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2019, 79, 773.	3.9	8
51	Search for resonant production of second-generation sleptons with same-sign dimuon events in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2019, 79, 305.	3.9	4
52	Search for the pair production of light top squarks in the $e^+e^-$ final state in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	4.7	5
53	Combined measurements of Higgs boson couplings in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2019, 79, 421.	3.9	355
54	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

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55	Measurement of the $\sigma(\text{pp} \rightarrow t\bar{t})$ 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.	3.9	68
56	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
57	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
58	Search for rare decays of $Z$ and Higgs bosons to $\gamma/\psi/\bar{\nu}$ and a photon in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2019, 79, 94.	3.9	20
59	Search for $\text{pp} \rightarrow \text{H} \rightarrow \text{bb}$ production in the $\text{H} \rightarrow \text{bb}$ decay channel with leptonic $\text{H} \rightarrow \text{bb}$ decays in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	4.7	28
60	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
61	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
62	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
63	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
64	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
65	Measurements of the $\text{pp} \rightarrow \text{Z} \rightarrow \text{ZZ}$ production cross section and the $\text{Z} \rightarrow 4\ell$ branching fraction, and constraints on anomalous triple gauge couplings at. European Physical Journal C, 2018, 78, 165.	3.9	52
66	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
67	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
68	Search for $\text{pp} \rightarrow \text{H} \rightarrow \text{bb}$ 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
69	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
70	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
71	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
72	Measurement of the top quark mass with lepton+jets final states using $\text{pp} \rightarrow \text{t} \rightarrow \text{bb}$ collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2018, 78, 891.	3.9	34

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73	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
74	Search for $Z\bar{1}^3$ 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
75	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
76	Search for third-generation scalar leptoquarks decaying to a top quark and a $\tau$ , lepton at $\sqrt{s}=13$ TeV. European Physical Journal C, 2018, 78, 707.	3.9	46
77	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
78	Studies of $B^0 \rightarrow B^0 \tau^+ \tau^-$ and $B^0 \rightarrow B^0 \mu^+ \mu^-$ at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2018, 78, 965.		

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91	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
92	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
93	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
94	Measurement of the inelastic proton-proton cross section at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	62
95	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
96	Measurement of b hadron lifetimes in pp collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2018, 78, 457.	3.9	15
97	Measurements of the $(p) \rightarrow Z$ production cross section and the $(Z) \rightarrow e\mu$ branching fraction, and constraints on anomalous triple gauge couplings at $(\sqrt{s} = 13, \text{TeV})$ . , 2018, 78, 1.		3
98	Measurement of b hadron lifetimes in pp collisions at $(\sqrt{s} = 8)$ (,ext {TeV}). , 2018, 78, 1.		1
99	Measurements of the $t\bar{t}$ production cross section in lepton+jets final states in pp collisions at 8 TeV and ratio of 8 to 7 TeV cross sections. European Physical Journal C, 2017, 77, 15.	3.9	34
100	Measurement of the $t\bar{t}$ production cross section using events in the $e\mu$ final state in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2017, 77, 172.	3.9	40
101	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
102	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
103	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
104	Measurement of prompt and nonprompt $J/\psi$ production in $pp$ and $pPb$ collisions at $\sqrt{s_{NN}} = 5.02$ TeV. European Physical Journal C, 2017, 77, 269.	3.9	53
105	A search for new phenomena in pp collisions at $\sqrt{s} = 13$ TeV in final states with missing transverse momentum and at least one jet using the $\alpha_T$ variable. European Physical Journal C, 2017, 77, 294.	3.9	29
106	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
107	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
108	Charged-particle nuclear modification factors in PbPb and pPb collisions at $s_{NN} = 5.02$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	103

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109	Suppression and azimuthal anisotropy of prompt and nonprompt $\psi/\psi'$ production in PbPb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. European Physical Journal C, 2017, 77, 252.	3.9	82
110	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
111	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
112	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
113	Search for direct production of supersymmetric partners of the top quark in the all-jets final state in proton-proton collisions at $s = 13$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	22
114	Search for top squark pair production in pp collisions at $s = 13$ TeV using single lepton events. Journal of High Energy Physics, 2017, 2017, 1.	4.7	31
115	Measurement of the $t\bar{t}\gamma$ production cross section using events with one lepton and at least one jet in pp collisions at $s = 13$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	15
116	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
117	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
118	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
119	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
120	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
121	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
122	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
123	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
124	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
125	Search for direct pair production of scalar top quarks in the single- and dilepton channels in proton-proton collisions at $s = 8$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.7	7
126	Search for the associated production of a Higgs boson with a single top quark in proton-proton collisions at $s = 8$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.7	13



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127	Forward and 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
128	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.	3.9	64
129	Measurement of dijet azimuthal decorrelation in pp collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2016, 76, 536.	3.9	16
130	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
131	Measurement of the $t\bar{t}$ production cross section in the $e^+e^-$ channel in proton-proton collisions at $\sqrt{s} = 7$ and 8 TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.7	41
132	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
133	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
134	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
135	Measurement of the $t\bar{t}$ production cross section in the all-jets final state in pp collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2016, 76, 128.	3.9	41
136	Event generator tunes obtained from underlying event and multiparton scattering measurements. European Physical Journal C, 2016, 76, 155.	3.9	499
137	Search for massive WH resonances decaying into the $u\bar{b}$ final state at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2016, 76, 237.	3.9	30
138	Search for a very light NMSSM Higgs boson produced in decays of the 125 GeV scalar boson and decaying into $l\bar{l}$ , leptons in pp collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.7	19
139	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.	3.9	62
140	Search for third-generation scalar leptoquarks in the $t\bar{t}$ channel in proton-proton collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	24
141	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
142	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.	3.9	541
143	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.	3.9	68
144	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.	3.9	191

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145	Measurements of the $\mathcal{L}(\text{Z})$ production cross sections in the $2\ell 2\ell$ channel in proton–proton collisions at $\sqrt{s} = 7$ and $8$ TeV. European Physical Journal C, 2015, 75, 511.	3.9	32
146	Search for a standard model Higgs boson produced in association with a top-quark pair and decaying to bottom quarks using a matrix element method. European Physical Journal C, 2015, 75, 251.	3.9	73
147	Measurement of electroweak production of two jets in association with a Z boson in proton–proton collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2015, 75, 66.	3.9	31
148	Measurements of differential and double-differential Drell–Yan cross sections in proton–proton collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2015, 75, 147.	3.9	88
149	Search for decays of stopped long-lived particles produced in proton–proton collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2015, 75, 151.	3.9	44
150	Measurement of the W boson helicity in events with a single reconstructed top quark in pp collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	26
151	Search for dark matter, extra dimensions, and unparticles in monojet events in proton–proton collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2015, 75, 235.	3.9	320
152	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.	3.9	54
153	Nuclear effects on the transverse momentum spectra of charged particles in pPb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. European Physical Journal C, 2015, 75, 237.	3.9	58
154	Constraints on the pMSSM, AMSB model and on other models from the search for long-lived charged particles in proton–proton collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2015, 75, 325.	3.9	43
155	Measurement of top quark–antiquark pair production in association with a W or Z boson in pp collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2014, 74, 3060.	3.9	43
156	Measurement of differential cross sections for the production of a pair of isolated photons in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2014, 74, 3129.	3.9	65
157	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.	3.9	49
158	Searches for electroweak production of charginos, neutralinos, and sleptons decaying to leptons and W, Z, and Higgs bosons in pp collisions at 8 TeV. European Physical Journal C, 2014, 74, 3036.	3.9	241
159	Observation of the diphoton decay of the Higgs boson and measurement of its properties. European Physical Journal C, 2014, 74, 3076.	3.9	342
160	Search for the associated production of the Higgs boson with a top-quark pair. Journal of High Energy Physics, 2014, 2014, 1.	4.7	51
161	Identification techniques for highly boosted W bosons that decay into hadrons. Journal of High Energy Physics, 2014, 2014, 1.	4.7	43
162	Measurement of Higgs boson production and properties in the WW decay channel with leptonic final states. Journal of High Energy Physics, 2014, 2014, 1.	4.7	169

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164	Measurement of WZ and ZZ production in pp collisions at $\sqrt{s} = 8$ TeV in final states with b-tagged jets. European Physical Journal C, 2014, 74, 2973.	3.9	23
165	Search for invisible decays of Higgs bosons in the vector boson fusion and associated ZH production modes. European Physical Journal C, 2014, 74, 2980.	3.9	171
166	Measurement of jet multiplicity distributions in $\overline{t}t$ production in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2014, 74, 3014.	3.9	16
167	Measurements of the $\overline{t}t$ charge asymmetry using the dilepton decay channel in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	4.7	20
168	Search for $W\ell^+\ell^-$ decays in the lepton + jets final state in pp collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	4.7	26
169	Measurement of the top-quark mass in all-jets $t\bar{t}$ events in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2014, 74, 2758.	3.9	35
170	Study of the production of charged pions, kaons, and protons in pPb collisions at $\sqrt{s_{\mathrm{NN}}} = 5.02$ TeV. European Physical Journal C, 2014, 74, 2847.	3.9	85
171	Probing color coherence effects in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2014, 74, 2901.	3.9	17
172	Search for the associated production of the Higgs boson with a top-quark pair. , 2014, 2014, 1.		6
173	Search for microscopic black holes in pp collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	4.7	44
174	Measurement of the $\Lambda_{\mathrm{b}}^0$ lifetime in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	4.7	17
175	Searches for long-lived charged particles in pp collisions at $\sqrt{s} = 7$ and 8 TeV. Journal of High Energy Physics, 2013, 2013, 1.	4.7	118
176	Study of exclusive two-photon production of $W+W\gamma$ in pp collisions at $\sqrt{s} = 7$ TeV and constraints on anomalous quartic gauge couplings. Journal of High Energy Physics, 2013, 2013, 1.	4.7	75
177	Observation of a new boson with mass near 125 GeV in pp collisions at $\sqrt{s} = 7$ and 8 TeV. Journal of High Energy Physics, 2013, 2013, 1.	4.7	320
178	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.	4.7	39
179	Studies of jet mass in dijet and W/Z + jet events. Journal of High Energy Physics, 2013, 2013, 1.	4.7	58
180	Measurement of the $\overline{t}t$ production cross section in the all-jet final state in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	4.7	16

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182	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.	4.7	15
183	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
184	Search in leptonic channels for heavy resonances decaying to long-lived neutral particles. Journal of High Energy Physics, 2013, 2013, 1.	4.7	32
185	Search for exotic resonances decaying into $WZ/ZZ$ in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	4.7	20
186	Search for supersymmetry in pp collisions at $\sqrt{s}=7$ TeV in events with a single lepton, jets, and missing transverse momentum. European Physical Journal C, 2013, 73, 2404.	3.9	20
187	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.	3.9	68
188	Measurement of the production cross section for $\mathcal{Z}\gamma \rightarrow u\bar{u}\gamma$ in pp collisions at $\sqrt{s}=7$ TeV and limits on $ZZ\mathcal{Z}$ and $Z\mathcal{Z}\mathcal{Z}$ triple gauge boson couplings. Journal of High Energy Physics, 2013, 2013, 1.	4.7	14
189	Measurement of the W-boson helicity in top-quark decays from $\mathcal{Z}\gamma$ production in lepton+jets events in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	4.7	30
190	Search for supersymmetry in hadronic final states with missing transverse energy using the variables $\hat{L}\pm$ T and b-quark multiplicity in pp collisions at $\sqrt{s}=8$ TeV. European Physical Journal C, 2013, 73, 2568.	3.9	147
191	Measurement of masses in the $\mathcal{Z}\gamma$ system by kinematic endpoints in pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2013, 73, 2494.	3.9	55
192	Search for physics beyond the standard model in events with $\mathcal{Z}$ , leptons, jets, and large transverse momentum imbalance in pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2013, 73, 2493.	3.9	22
193	Measurement of the $\mathcal{Z}\gamma$ production cross section in the $\mathcal{Z}$ ,+jets channel in pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2013, 73, 1.	3.9	24
194	Jet and underlying event properties as a function of charged-particle multiplicity in proton-proton collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2013, 73, 2674.	3.9	32
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200	Search for narrow resonances and quantum black holes in inclusive and b-tagged dijet mass spectra from pp collisions at $\sqrt{s} = 7 \text{ TeV}$ . <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	4.7	46
201	Measurement of the ZZ production cross section and search for anomalous couplings in $2\gamma, 2\gamma, \gamma\gamma$ final states in pp collisions at $\sqrt{s} = 7 \text{ TeV}$ . <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	4.7	39
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203	Search for heavy quarks decaying into a top quark and a W or Z boson using lepton + jets events in pp collisions at $\sqrt{s} = 7 \text{ TeV}$ . <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	4.7	13
204	Measurement of the sum of WW and WZ production with W+dijet events in pp collisions at $\sqrt{s} = 7 \text{ TeV}$ . <i>European Physical Journal C</i> , 2013, 73, 2283.	3.9	64
205	Measurement of differential top-quark-pair production cross sections in pp collisions at $\sqrt{s} = 7 \text{ TeV}$ . <i>European Physical Journal C</i> , 2013, 73, 1.	3.9	125
206	Inclusive b-jet production in pp collisions at $\sqrt{s} = 7 \text{ TeV}$ . <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	4.7	39
207	Search for quark compositeness in dijet angular distributions from pp collisions at $\sqrt{s} = 7 \text{ TeV}$ . <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	4.7	18
208	Suppression of non-prompt $J/\psi$ , prompt $J/\psi$ , and $\Upsilon(1S)$ in PbPb collisions at $\sqrt{s_{NN}} = 2.76 \text{ TeV}$ . <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	4.7	200
209	Search for heavy bottom-like quarks in $4.9 \text{ fb}^{-1}$ of pp collisions at $\sqrt{s} = 7 \text{ TeV}$ . <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	4.7	45
210	Measurement of the cross section for production of $\bar{b} X b$ decaying to muons in pp collisions at $\sqrt{s} = 7 \text{ TeV}$ . <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	4.7	6
211	Measurement of the $Z/\bar{W} + \bar{W} + b$ -jet cross section in pp collisions at $\sqrt{s} = 7 \text{ TeV}$ . <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	4.7	39
212	Shape, transverse size, and charged-hadron multiplicity of jets in pp collisions at $\sqrt{s} = 7 \text{ TeV}$ . <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	4.7	31
213	Search for anomalous production of multilepton events in pp collisions at $\sqrt{s} = 7 \text{ TeV}$ . <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	4.7	68
214	Search for a light charged Higgs boson in top quark decays in pp collisions at $\sqrt{s} = 7 \text{ TeV}$ . <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	4.7	117
215	Search for leptonic decays of $W\bar{W}$ bosons in pp collisions at $\sqrt{s} = 7 \text{ TeV}$ . <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	4.7	49
216	Search for stopped long-lived particles produced in pp collisions at $\sqrt{s} = 7 \text{ TeV}$ . <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	4.7	17

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218	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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220	Search for dark matter and large extra dimensions in monojet events in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	168
221	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
222	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
223	Measurement of jet fragmentation into charged particles in pp and PbPb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	85
224	Measurement of the $\overline{t}t$ 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
225	Search for exclusive or semi-exclusive $\hat{t}^3$ 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
226	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
227	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
228	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.	4.7	11
229	Search for resonant $\overline{t}t$ production in lepton+jets events in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	26
230	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
231	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
232	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
233	Measurement of the top-quark mass in $\overline{t}t$ 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
234	A New Boson with a Mass of 125 GeV Observed with the CMS Experiment at the Large Hadron Collider. Science, 2012, 338, 1569-1575.	12.6	85

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236	Study of the inclusive production of charged pions, kaons, and protons in pp collisions at $\sqrt{s} = 0.9, 2.76, \text{ and } 7 \text{ TeV}$ . European Physical Journal C, 2012, 72, 1.	3.9	154
237	A search for a doubly-charged Higgs boson in pp collisions at $\sqrt{s} = 7 \text{ TeV}$ . European Physical Journal C, 2012, 72, 1.	3.9	129
238	Measurement of the top-quark mass in $\overline{\text{t}}\text{t}$ events with dilepton final states in pp collisions at $\sqrt{s} = 7 \text{ TeV}$ . European Physical Journal C, 2012, 72, 1.	3.9	42
239	Ratios of dijet production cross sections as a function of the absolute difference in rapidity between jets in protonâ€“proton collisions at $\sqrt{s} = 7 \text{ TeV}$ . European Physical Journal C, 2012, 72, 1.	3.9	26

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254	Measurement of the production cross section for pairs of isolated photons in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	26
255	Publisher's Note: Search for CP violation in $B_s^0 \rightarrow \hat{t}^{\frac{1}{4}} + D_s^* \hat{X}$ decays in pp collisions at $\sqrt{s} = 1.96$ TeV [Phys. Rev. D 82, 012003 (2010)]. Physical Review D, 2011, 83, .	4.7	1
256	Measurement of the $\mathcal{M}_{\text{tar}}^{\text{t}}$ 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.	3.9	37
257	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.	4.7	59
258	Search for large extra dimensions in the diphoton final state at the Large Hadron Collider. Journal of High Energy Physics, 2011, 2011, 1.	4.7	22
259	Search for physics beyond the standard model in opposite-sign dilepton events in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2011, 2011, 1.	4.7	26
260	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
261	Measurement of the $\mathcal{M}_{\text{tar}}^{\text{t}}$ 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
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263	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
264	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
265	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
266	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
267	Dependence on pseudorapidity and on centrality of charged hadron production in PbPb collisions at $\sqrt{s_{\text{NN}}} = 2.76$ TeV. Journal of High Energy Physics, 2011, 2011, 1.	4.7	99
268	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
269	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
270	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



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274	Measurement of energy flow at large pseudorapidities in pp collisions at ( $\sqrt{s} = 0.9$ ) and 7 TeV. , 2011, 2011, 1.		5
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276	Measurement of $Z$ production cross sections in pp collisions at $\sqrt{s} = 0.9$ and 2.36 TeV. Journal of High Energy Physics, 2010, 2010, 1.	4.1	27
277	Measurement of the t-channel single top quark production cross section. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 682, 363-369.	4.1	39
278	Search for CP violation in $B_s \rightarrow D_s X$ decays in pp collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2010, 82, .		26
279	Direct Measurement of the Mass Difference between Top and Antitop Quarks. Physical Review Letters, 2009, 103, 132001.	7.8	16
280	Measurement of the Angular and Lifetime Parameters of the Decays $B \rightarrow D^* \ell \bar{\nu}_\ell$ in pp collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2009, 102, 032001.	7.8	16
281	Measurement of Dijet Angular Distributions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2009, 103, 191803.	7.8	30
282	Searches for Quark Compositeness and Extra Spatial Dimensions. Physical Review Letters, 2009, 103, 191803.	7.8	16
283	Search for Long-Lived Charged Massive Particles with the D0 Detector. Physical Review Letters, 2009, 102, 161802.	7.8	52
284	Direct Measurement of the $W$ Boson Width. Physical Review Letters, 2009, 103, 231802.	7.8	14
285	Measurement of trilinear gauge boson couplings from $WW + WZ$ events in pp collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2009, 80, .	4.7	12
286	Measurement of the $WW$ Production Cross Section with Dilepton Final States in pp Collisions at $\sqrt{s} = 1.96$ TeV and Limits on Anomalous Trilinear Gauge Couplings. Physical Review Letters, 2009, 103, 191801.	7.8	38
287	Measurement of the Lifetime of the $B_c$ Meson in the Semileptonic Decay Channel. Physical Review Letters, 2009, 102, 092001.	7.8	16
288	Search for Resonant Pair Production of Neutral Long-Lived Particles Decaying to $b\bar{b}$ in pp Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2009, 103, 071801.	7.8	42

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290	Measurement of the $Z \rightarrow \tau^+ \tau^-$ Production Cross Section and Limits on Anomalous $Z \rightarrow \tau^+ \tau^-$ Production. Physical Review Letters, 2009, 102, 051803.	7.8	22
291	Search for Associated $W$ Higgs Boson Production in $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2009, 102, 051803.	7.8	19
292	Search for Charged Higgs Bosons Decaying into Top and Bottom Quarks in $p\bar{p}$ Collisions. Physical Review Letters, 2009, 102, 191802.	7.8	35
293	Measurement of the $W$ Boson Mass. Physical Review Letters, 2009, 103, 141801.	7.8	66
294	Search for Dark Photons from Supersymmetric Hidden Valleys. Physical Review Letters, 2009, 103, 081802.	7.8	25
295	Search for the Standard Model Higgs Boson in Tau Final States. Physical Review Letters, 2009, 102, 251801.	7.8	14
296	Measurement of $\tau^+ \tau^-$ Production Cross Sections in $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2009, 102, 192002.	7.8	40
297	Search for Resonant Diphoton Production with the D0 Detector. Physical Review Letters, 2009, 102, 231801.	7.8	32
298	Search for Next-to-Minimal Supersymmetric Higgs Bosons in the $h \rightarrow \tau^+ \tau^-$ Channels Using $\tau \rightarrow \mu \nu$ . Physical Review Letters, 2009, 103, 061801.	7.8	55
299	Search for Neutral Higgs Bosons at High $\tan\beta$ in the $(h/H/A) \rightarrow b\bar{b}, \tau\bar{\tau}$ Channel. Physical Review Letters, 2009, 102, 051804.	7.8	11
300	Observation of Single Top-Quark Production. Physical Review Letters, 2009, 103, 092001.	7.8	199
301	Search for Anomalous Top-Quark Couplings with the D0 Detector. Physical Review Letters, 2009, 102, 092002.	7.8	20
302	Measurement of the Semileptonic Branching Ratio of $B_s$ to an Orbitally Excited $D_s^{**}$ State: $\text{Br}(B_s \rightarrow D_s^{**} \ell^+ \ell^-) = (2536 \pm 114 \pm 112)\%$ . Physical Review Letters, 2009, 102, 051801.	7.8	27
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305	The CMS Collaboration. Nuclear Physics A, 2009, 830, 946c-956c.	1.5	0
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308	Search for pair production of second generation scalar leptoquarks. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 671, 224-232.	4.1	22
309	Search for the lightest scalar top quark in events with two leptons in $\sqrt{s}=7$ TeV collisions at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 671, 224-232.	4.1	15
310	Search for a scalar or vector particle decaying into $Z\bar{\nu}$ in $\sqrt{s}=7$ TeV collisions at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 671, 224-232.	4.1	23
311	Measurement of the top quark mass in final states with two leptons in $\sqrt{s}=7$ TeV collisions at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 671, 224-232.	4.1	10
312	Production cross section and top quark mass extraction using dilepton events in $\sqrt{s}=7$ TeV collisions at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 671, 224-232.	4.1	30
313	Search for associated production of charginos and neutralinos in the trilepton final state using 2.3 fb $^{-1}$ of data. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 680, 34-43.	4.1	8
314	Search for associated production of charginos and neutralinos in the trilepton final state using 2.3 fb $^{-1}$ of data. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 680, 34-43.	4.1	58
315	Search for charged Higgs bosons in top quark decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 682, 278-286.	4.1	21
316	Search for charged Higgs bosons in top quark decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 682, 278-286.	4.1	99
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318	Search for charged Higgs bosons in decays of top quarks. Physical Review D, 2009, 80, .	4.7	25
319	Combination of cross section measurements and constraints on the mass of the top quark and its decays into charged Higgs bosons. Physical Review D, 2009, 80, .	4.7	72
320	Measurement of the top quark mass in final states with two leptons. Physical Review D, 2009, 80, .	4.7	21
321	Search for the lightest scalar top quark in events with two leptons in $\sqrt{s}=7$ TeV collisions at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 671, 224-232.	4.1	31
322	Search for a scalar or vector particle decaying into $Z\bar{\nu}$ in $\sqrt{s}=7$ TeV collisions at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 671, 224-232.	4.1	16
323	Search for squarks and gluinos in events with jets and missing transverse energy using 2.1 fb $^{-1}$ of data. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 671, 224-232.	4.1	29
324	Search for a scalar or vector particle decaying into $Z\bar{\nu}$ in $\sqrt{s}=7$ TeV collisions at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 671, 224-232.	4.1	103

#	ARTICLE	IF	CITATIONS
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326	Search for scalar top quarks in the acoplanar charm jets and missing transverse energy final state in $\sqrt{s} = 1.96$ TeV collisions at ATLAS. <i>Physical Review Letters</i> , 2008, 101, 191801.	4.1	53
327	Measurement of the differential cross section for the production of an isolated photon with associated jet in $\sqrt{s} = 1.96$ TeV collisions at ATLAS. <i>Nuclear Physics B</i> , 2008, 798, 27.	4.1	27
328	Search for scalar leptiquarks and T-odd quarks in the acoplanar jet topology using of collision data at. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2008, 668, 357-363.	4.1	19
329	Measurement of the differential cross sections in $\sqrt{s} = 1.96$ TeV collisions at ATLAS. <i>Physical Review Letters</i> , 2008, 101, 191801.	4.1	39
330	Search for scalar leptiquarks and T-odd quarks in the acoplanar jet topology using of collision data at. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2008, 668, 357-363.	4.1	19
331	Measurement of the differential cross sections in $\sqrt{s} = 1.96$ TeV collisions at ATLAS. <i>Physical Review Letters</i> , 2008, 101, 191801.	4.1	54
332	Search for excited electrons in $\sqrt{s} = 1.96$ TeV collisions at ATLAS. <i>Physical Review D</i> , 2008, 77, .	4.7	19
333	Search for excited electrons in $\sqrt{s} = 1.96$ TeV collisions at ATLAS. <i>Physical Review D</i> , 2008, 77, .	4.7	11
334	Evidence for production of single top quarks. <i>Physical Review D</i> , 2008, 78, .	4.7	79
335	Measurement of the muon charge asymmetry from $Z \rightarrow \mu\mu$ boson decays. <i>Physical Review D</i> , 2008, 77, .	4.7	56
336	Simultaneous Measurement of the Ratio $R_{\tau/\mu}$ and the Forward-Backward Charge Asymmetry $A_{FB}^{\tau/\mu}$ in $\sqrt{s} = 1.96$ TeV Collisions. <i>Physical Review Letters</i> , 2008, 101, 191801.	7.8	30
337	Measurement of the Ratio $R_{\tau/\mu}$ and the Forward-Backward Charge Asymmetry $A_{FB}^{\tau/\mu}$ in $\sqrt{s} = 1.96$ TeV Collisions. <i>Physical Review Letters</i> , 2008, 101, 191801.	7.8	2
338	Search for Third Generation Scalar Leptoquarks Decaying into $b\tau$ or $c\tau$ . <i>Physical Review Letters</i> , 2008, 101, 241802.	7.8	22
339	Search for Higgs Bosons Decaying to Tau Pairs in $\sqrt{s} = 1.96$ TeV Collisions with the D0 Detector. <i>Physical Review Letters</i> , 2008, 101, 071804.	7.8	32
340	Measurement of the Forward-Backward Charge Asymmetry and Extraction of $\sin^2 2\theta_W$ in $\sqrt{s} = 1.96$ TeV Collisions. <i>Physical Review Letters</i> , 2008, 101, 191801.	7.8	31
341	Data from $\sqrt{s} = 1.96$ TeV Collisions. <i>Physical Review Letters</i> , 2008, 101, 191801.	7.8	21
342	Parameters from the Flavor-Tagged Decay $B \rightarrow X_s \tau^+ \tau^-$ . <i>Physical Review Letters</i> , 2008, 101, 241801.	7.8	173

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344	Production Cross Section in $t\bar{t}$ Collisions	7.8	35
345	Measurement of the Forward-Backward Charge Asymmetry in Top-Quark Pair Production. Physical Review Letters, 2008, 100, 142002.	7.8	210
346	The ATLAS Experiment at the CERN Large Hadron Collider. Journal of Instrumentation, 2008, 3, S08003-S08003.	1.2	1,752
347	Search for Scalar Neutrino Superpartners in $e^+e^- \rightarrow e^+e^- \tilde{\chi}_1^0 \tilde{\chi}_1^0$ Final States	7.8	15
348	First Study of the Radiation Amplitude Zero in $W^+W^- \rightarrow W^+W^- \tilde{\chi}_1^0 \tilde{\chi}_1^0$ Collisions Anomalous $W^+W^- \rightarrow W^+W^- \tilde{\chi}_1^0 \tilde{\chi}_1^0$ Production and Limits on	7.8	47
349	Observation of a Doubly Strange $\Lambda_{cb}^0$ Baryon Measurement of the Inclusive Jet Cross Section in $p\bar{p} \rightarrow \Lambda_{cb}^0$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2008, 101, 062001.	7.8	74
350	Measurement of the Inclusive Jet Cross Section in $p\bar{p} \rightarrow \Lambda_{cb}^0$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2008, 101, 062001.	7.8	191
351	Search for Pair Production of Doubly Charged Higgs Bosons in the $H^{++}H^{--} \rightarrow e^+e^- \tilde{\chi}_1^0 \tilde{\chi}_1^0$ Final State. Physical Review Letters, 2008, 101, 071803.	7.8	44
352	Measurement of the Electron Charge Asymmetry in $p\bar{p} \rightarrow e^+e^- \tilde{\chi}_1^0 \tilde{\chi}_1^0$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2008,	7.8	64
353	Observation and Properties of the Orbitally Excited $B_c(1S)$ and $B_c(2S)$ States in $p\bar{p} \rightarrow B_c \bar{c}$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2008, 100, 082002.	7.8	63
354	Precise Measurement of the Top-Quark Mass from $l\bar{t} + \text{jets}$ Events. Physical Review Letters, 2008, 101, 182001.	7.8	33
355	Observation of $ZZ$ Production in $p\bar{p} \rightarrow Z\bar{Z}$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2008, 101, 171803.	7.8	17
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357	Search for Anomalous $Wtb$ Couplings in Single Top Quark Production. Physical Review Letters, 2008, 101, 221801.	7.8	28
358	Study of Direct CP Violation in $B_{\pm} \rightarrow \bar{K}^{\pm} \pi^{\pm}$ Decays. Physical Review Letters, 2008, 100, 211802.	7.8	19
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362	Search for Neutral Higgs Bosons in Multi-b-Jet Events in pp-̄ Collisions at s=1.96 TeV. Physical Review Letters, 2008, 101, 221802.	7.8	15
363	Search for $W \rightarrow e \nu_e$ Bosons Decaying to an Electron and a Neutrino with the D0 Detector. Physical Review Letters, 2008, 100, 031804.	7.8	44
364	Search for Flavor-Changing-Neutral-Current D Meson Decays. Physical Review Letters, 2008, 100, 101801.	7.8	19
365	Search for Large Extra Dimensions via Single Photon plus Missing Energy Final States at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2008, 101, 011601.	7.8	47
366	Search for $Z \rightarrow \tau^+ \tau^-$ Production in $W$ Boson Production. Physical Review Letters, 2008, 100, 211803.	7.8	28
367	Search for $W \rightarrow e \nu_e$ Resonances Decaying to a Top Quark and a Bottom Quark. Physical Review Letters, 2008, 100, 211803.	7.8	51
368	Search for Long-Lived Particles Decaying into Electron or Photon Pairs with the D0 Detector. Physical Review Letters, 2008, 101, 111802.	7.8	20
369	Measurement of the top quark mass in the lepton+jets channel using the ideogram method. Physical Review D, 2007, 75, .	4.7	30
370	Evidence for Production of Single Top Quarks and First Direct Measurement of $ V_{tb} $ . Physical Review Letters, 2007, 98, 181802.	7.8	100
371	Search for Production of Single Top Quarks via $W$ Boson. Physical Review Letters, 2007, 99, 061801.	7.8	57
372	Search for Production of Single Top Quarks via $W$ Boson. Physical Review Letters, 2007, 99, 191802.	7.8	45
373	Measurement of the $b$ Lifetime Using Semileptonic Decays. Physical Review Letters, 2007, 99, 182001.	7.8	24
374	Search for Third-Generation Scalar Leptoquarks in $pp$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2007, 99, 061801.	7.8	21
375	Measurement of the $b$ Lifetime in the Exclusive Decay $B \rightarrow \tau \nu_\tau$ . Physical Review Letters, 2007, 99, 142001.	7.8	24
376	Search for Techniparticles in e+jets Events at D0. Physical Review Letters, 2007, 98, 221801.	7.8	13
377	Measurement of $\theta_{13}$ production cross section in pp collisions using dilepton events. Physical Review D, 2007, 76, .	4.7	26
378	Direct Observation of the Strange Baryon $\Lambda_c^+$ . Physical Review Letters, 2007, 99, 052001.	7.8	93

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380	Measurement of the Charge Asymmetry in SemileptonicBs0Decays. Physical Review Letters, 2007, 98, 151801.	7.8	24
381	Search for Stopped Gluinos frompp $\hat{A}$ Collisions ats=1.96 $\hat{A}$ TeV. Physical Review Letters, 2007, 99, 131801.	7.8	37
382	Study of the DecayBs0 $\hat{A}$ Ds(*)Ds(*). Physical Review Letters, 2007, 99, 241801.	7.8	8
383	Lifetime Difference andCP-Violating Phase in theBs0System. Physical Review Letters, 2007, 98, 121801.	7.8	53
384	Measurement of thepp $\hat{A}$ $\hat{A}$ $\hat{A}$ +Xproduction cross section ats=1.96 $\hat{A}$ TeV in the fully hadronic decay channel. Physical Review D, 2007, 76, .	4.7	13
385	Measurement of the shape of the boson rapidity distribution for $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mi} \rangle p \langle \text{mml:mi} \rangle \langle \text{mml:mover accent="true"} \rangle \langle \text{mml:mi} \rangle p \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle \hat{A} \langle \text{mml:mo} \rangle \langle \text{mml:mover} \rangle \langle \text{mml:mo} \rangle \hat{A} \langle \text{mml:mo} \rangle \langle \text{mml:mi} \rangle Z \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle$ Physical Review D, 2007, 76, .	4.7	101
386	Multivariate searches for single top quark production with the D0 detector. Physical Review D, 2007, 75, .	4.7	18
387	Measurement of theWboson helicity in top quark decays at D0. Physical Review D, 2007, 75, .	4.7	17
388	Measurement of thepp $\hat{A}$ $\hat{A}$ $\hat{A}$ WZ+Xcross section ats=1.96 $\hat{A}$ TeV and limits onWWZtrilinear gauge couplings. Physical Review D, 2007, 76, .	4.7	19
389	Combined D0 measurements constraining theCP-violating phase and width difference in theBs0system. Physical Review D, 2007, 76, .	4.7	28
390	Measurement of the $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mi} \rangle t \langle \text{mml:mi} \rangle \langle \text{mml:mover accent="true"} \rangle \langle \text{mml:mi} \rangle t \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle \hat{A} \langle \text{mml:mo} \rangle \langle \text{mml:mover} \rangle \langle \text{mml:math} \rangle$ production cross section in $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mi} \rangle p \langle \text{mml:mi} \rangle \langle \text{mml:mover accent="true"} \rangle \langle \text{mml:mi} \rangle p \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle \hat{A} \langle \text{mml:mo} \rangle \langle \text{mml:mover} \rangle \langle \text{mml:math} \rangle$ collisions at $\langle \text{mml:math} \rangle$	4.7	50
391	Search forBs0 $\hat{A}$ $\hat{A}$ $\hat{A}$ decays at D0. Physical Review D, 2007, 76, .	4.7	25
392	Search for the pair production of scalar top quarks in the acoplanar charm jet final state in collisions at. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2007, 645, 119-127.	4.1	22
393	Search for single production of scalar top quarks in $\langle \text{mml:math altimg="si1.gif" overflow="scroll" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" display="block" \rangle$ collisions at $\langle \text{mml:math altimg="si1.gif" overflow="scroll" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" display="block" \rangle$ collisions at	4.1	7
394	Z $\hat{A}$ production and limits on anomalousZZ $\hat{A}$ and Z $\hat{A}$ $\hat{A}$ couplings in $\langle \text{mml:math altimg="si1.gif" overflow="scroll" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" display="block" \rangle \langle \text{mml:mi} \rangle p \langle \text{mml:mi} \rangle \langle \text{mml:mover accent="true"} \rangle \langle \text{mml:mi} \rangle p \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle \hat{A} \langle \text{mml:mo} \rangle \langle \text{mml:mover} \rangle \langle \text{mml:math} \rangle$ collisions at $\langle \text{mml:math altimg="si2.gif" overflow="scroll" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" display="block" \rangle$ collisions at	4.1	23
395	Search for a Higgs boson produced in association with a Z boson in $\langle \text{mml:math altimg="si1.gif" overflow="scroll" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" display="block" \rangle \langle \text{mml:mi} \rangle p \langle \text{mml:mi} \rangle \langle \text{mml:mover accent="true"} \rangle \langle \text{mml:mi} \rangle p \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle \hat{A} \langle \text{mml:mo} \rangle \langle \text{mml:mover} \rangle \langle \text{mml:math} \rangle$ collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2007, 655, 209-216.	4.1	11
396	Measurement of the top quark mass in the dilepton channel. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2007, 655, 7-14.	4.1	19

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398	Search for a heavy resonance decaying into $aZ$ +jet final state in $p\bar{p}$ collisions at $\sqrt{s}=1.96$ TeV using the D0 detector. Physical Review D, 2006, 74, .	4.7	9
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400	Measurement of the CP-violation parameter of $B^0$ mixing and decay with $p\bar{p}$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2006, 74, .	4.7	42
401	Search for excited muons in $p\bar{p}$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2006, 73, .	4.7	12
402	Search for the rare decay $B_s^0 \rightarrow \tau^+ \tau^-$ with the D0 detector. Physical Review D, 2006, 74, .	4.7	13
403	Measurement of the $B_s^0$ Lifetime Using Semileptonic Decays. Physical Review Letters, 2006, 97, 241801.	7.8	24
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405	Measurement of the isolated photon cross section in $p\bar{p}$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2006, 74, .	4.1	18
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407	Search for R-parity violating supersymmetry via $p\bar{p}$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2006, 74, .	4.1	37
408	Search for $R$ -parity violating supersymmetry via $p\bar{p}$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2006, 74, .	4.1	19
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416	Search for Associated Higgs Boson Production $WH \rightarrow WW^* \rightarrow l\bar{l} + \gamma$ in $pp \rightarrow \tilde{\chi}_1^0 \tilde{\chi}_1^0 + X$ in $pp \rightarrow \tilde{\chi}_1^0 \tilde{\chi}_1^0$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2006, 97, 151804.	7.8	13
417	Measurement of the top quark mass in the lepton+jets final state with the matrix element method. Physical Review D, 2006, 74, .	4.7	47
418	Measurement of $B_d$ mixing using opposite-side flavor tagging. Physical Review D, 2006, 74, .	4.7	28
419	Search for the Standard Model Higgs Boson in the $pp \rightarrow ZH \rightarrow \gamma\gamma$ Channel. Physical Review Letters, 2006, 97, 161803.	7.8	12
420	Search for Neutral, Long-Lived Particles Decaying into Two Muons in $pp \rightarrow \tilde{\chi}_1^0 \tilde{\chi}_1^0$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2006, 97, 161802.	7.8	29
421	Search for Neutral Higgs Bosons Decaying to Tau Pairs in $pp \rightarrow \tilde{\chi}_1^0 \tilde{\chi}_1^0$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2006, 97, 121802.	7.8	30
422	Search for the Higgs Boson in $H \rightarrow WW^*$ Decays in $pp \rightarrow \tilde{\chi}_1^0 \tilde{\chi}_1^0$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2006, 96, 011801.	7.8	19
423	Measurement of the $W$ production cross section in $pp \rightarrow \tilde{\chi}_1^0 \tilde{\chi}_1^0$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2005, 94, 151801.	4.1	34
424	Measurement of the $W$ production cross section in $pp \rightarrow \tilde{\chi}_1^0 \tilde{\chi}_1^0$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2005, 94, 151801.	4.1	34
425	Search for "single" top quark production in $pp \rightarrow \tilde{\chi}_1^0 \tilde{\chi}_1^0$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2005, 94, 151801.	4.1	19
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427	Measurement of the $B_s$ Lifetime in the Decay $B_s \rightarrow \tau \nu$ with the D0 Detector. Physical Review Letters, 2005, 94, 102001.	7.8	18
428	Measurement of the Lifetime Difference in the $B_s$ System. Physical Review Letters, 2005, 95, 171801.	7.8	13
429	Measurement of the $W$ Production Cross Section in $pp \rightarrow \tilde{\chi}_1^0 \tilde{\chi}_1^0$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2005, 94, 151801.	7.8	29
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431	Search for Supersymmetry via Associated Production of Charginos and Neutralinos in Final States with Three Leptons. Physical Review Letters, 2005, 95, 151805.	7.8	25
432	Study of $Z \rightarrow \tau\tau$ Events and Limits on Anomalous $Z \tau \tau$ and $Z \tau \tau$ Couplings in $pp \rightarrow \tilde{\chi}_1^0 \tilde{\chi}_1^0$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2005, 95, 051802.	7.8	16

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434	Search for Supersymmetry with Gauge-Mediated Breaking in Diphoton Events at D0. Physical Review Letters, 2005, 94, 041801.	7.8	17
435	Measurement of the Ratio of $B^+$ and $B^0$ Meson Lifetimes. Physical Review Letters, 2005, 94, 182001.	7.8	16
436	Measurement of Semileptonic Branching Fractions of $B$ Mesons to Narrow $D^{**}$ States. Physical Review Letters, 2005, 95, 171803.	7.8	19
437	Search for $Wbb^{\tilde{A}}$ and $WH$ Production in $pp^{\tilde{A}}$ Collisions at $s=1.96 \text{ TeV}$ . Physical Review Letters, 2005, 94, 091802.	7.8	24
438	Search for the Flavor-Changing Neutral Current Decay $B_s^0 \rightarrow \tau^+ \tau^- + \tau^+ \tau^- + \tau^+ \tau^-$ in $pp^{\tilde{A}}$ Collisions at $s=1.96 \text{ TeV}$ with the D0 Detector. Physical Review Letters, 2005, 94, 071802.	7.8	56
439	Measurement of the Ratio of Inclusive Cross Sections $\sigma(pp^{\tilde{A}} \rightarrow Z + b\bar{b}) / \sigma(pp^{\tilde{A}} \rightarrow Z + \text{jet})$ at $s=1.96 \text{ TeV}$ . Physical Review Letters, 2005, 94, 161801.	7.8	20
440	Search for Neutral Supersymmetric Higgs Bosons in Multijet Events at $s=1.96 \text{ TeV}$ . Physical Review Letters, 2005, 95, 151801.	7.8	42
441	Search for Anomalous Heavy-Flavor Quark Production in Association with $W$ Bosons. Physical Review Letters, 2005, 94, 152002.	7.8	6
442	Measurement of Inclusive Differential Cross Sections for $\Upsilon(1S)$ Production in $pp^{\tilde{A}}$ Collisions at $s=1.96 \text{ TeV}$ . Physical Review Letters, 2005, 94, 232001.	7.8	49
443	Search for Large Extra Spatial Dimensions in Dimuon Production with the D0 Detector. Physical Review Letters, 2005, 95, 161602.	7.8	29
444	Search for Randall-Sundrum Gravitons in Dilepton and Diphoton Final States. Physical Review Letters, 2005, 95, 091801.	7.8	32
445	Production of $WZ$ Events in $pp^{\tilde{A}}$ Collisions at $s=1.96 \text{ TeV}$ and Limits on Anomalous $WWZ$ Couplings. Physical Review Letters, 2005, 95, 141802.	7.8	11
446	Search for first-generation scalar leptoquarks in $pp^{\tilde{A}}$ collisions at $s=1.96 \text{ TeV}$ . Physical Review D, 2005, 71, .	4.7	21
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