

Nasuf Sonmez

List of Publications by Year in descending order

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Version: 2024-02-01

312
papers

29,495
citations

7096

78
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5829

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all docs

312
docs citations

312
times ranked

11260
citing authors

#	ARTICLE	IF	CITATIONS
1	Exploring the prominent channel: Charged Higgs pair production in supersymmetric two-parameter non-universal Higgs model. Nuclear Physics B, 2020, 950, 114847.	2.5	1
2	Investigation of chargino pairs in Stau-Neutralino annihilation scenario at the future colliders. AIP Conference Proceedings, 2019, . .	0.4	0
3	Pair production of the lightest chargino at $\hat{t}\hat{t}^*$ -collider. Nuclear Physics B, 2019, 939, 233-252.	2.5	1
4	Importance-based signal detection and parameter estimation with applications to new particle search. Turkish Journal of Electrical Engineering and Computer Sciences, 2019, 27, 3247-3257.	1.4	0
5	Measuring the triple Higgs self-couplings in two Higgs doublet model. Journal of High Energy Physics, 2018, 2018, 1.	4.7	4
6	Triple Higgs boson production in a e^+e^- -collider at the future linear collider. Turkish Journal of Physics, 2018, 42, 675-687.	1.1	0
7	Charged Higgs pair production in association with the Z0 boson at electron-positron colliders. Physical Review D, 2018, 98, .	4.7	0
8	Measurement of the mass difference between top quark and antiquark in pp collisions at $\sqrt{s}=8$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 770, 50-71.	4.1	9
9	Neutralino pair production at the photon-photon collider for the \tilde{t}_1, \tilde{t}_2 -coannihilation scenario. AIP Conference Proceedings, 2016, . .	0.4	0
10	Investigation of neutralino pair production in photon-photon collider at the ILC. Physical Review D, 2015, 91, .	4.7	4
11	Measurement of the production cross section for a W boson and two b jets in pp collisions at $\sqrt{s}=7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 735, 204-225.	4.1	9
12	Measurement of higher-order harmonic azimuthal anisotropy in PbPb collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physical Review C, 2014, 89, .	4.9	133
13	Boson Production Cross Measurements of $t\bar{t}$ Collisions at $\sqrt{s}=7$ TeV. Physical Review Letters, 2014, 112, 171801.	7.8	94
14	Spin Correlations and Top-Quark Polarization Using Dilepton Final States in $t\bar{t}$ Collisions at $\sqrt{s}=7$ TeV. Physical Review Letters, 2014, 112, 171801.	7.8	63
15	Search for Top-Quark Partners with Charge and Color. Physical Review Letters, 2014, 112, 171801.	7.8	76
16	Measurement of the inclusive cross sections for $t\bar{t}$ production in e^+e^- collisions at $\sqrt{s}=3$ TeV. Physical Review Letters, 2014, 112, 171801.	4.7	37
17	Search for Flavor-Changing Neutral Currents in Top-Quark Decays $t \rightarrow W + b$ or $t \rightarrow W + c$. Physical Review Letters, 2014, 112, 171801.	4.7	161
18	Measurement of the production cross section for a W boson and decaying to bottom quarks. Physical Review Letters, 2014, 112, 171801.	7.8	64

#	ARTICLES	IF	CITATIONS
19	Measurement of associated $W + \text{charm}$ production in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	4.1	36
20	Measurement of associated $W + \text{charm}$ production in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	4.7	55
21	Event activity dependence of $Y(nS)$ production in $\sqrt{s} = 5.02$ TeV pPb and $\sqrt{s} = 2.76$ TeV pp collisions. Journal of High Energy Physics, 2014, 2014, 1.	4.7	56
22	Measurement of the triple-differential cross section for photon + jets production in proton-proton collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	4.7	31
23	Measurement of the production cross sections for a Z boson and one or more b jets in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	4.7	39
24	Search for pair production of excited top quarks in the lepton + jets final state. Journal of High Energy Physics, 2014, 2014, 1.	4.7	4
25	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
26	Study of the production of charged pions, kaons, and protons in pPb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. European Physical Journal C, 2014, 74, 2847.	3.9	85
27	Probing color coherence effects in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2014, 74, 2901.	3.9	17
28	Modification of jet shapes in PbPb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 730, 243-263.	4.1	144
29	Search for baryon number violation in top-quark decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 731, 173-196.	4.1	12
30	Observation of a peaking structure in the J/ψ mass spectrum from pp collisions at $\sqrt{s} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 730, 243-263.	4.1	112
31	Search for super-symmetry in pp collisions at $\sqrt{s} = 8$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 733, 300-350.	4.7	44
32	Search for microscopic black holes in pp collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	4.7	44
33	Measurement of the Λ_b^0 lifetime in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	4.7	17
34	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
35	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
36	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

#	ARTICLE	IF	CITATIONS
37	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
38	Studies of jet mass in dijet and W/Z + jet events. Journal of High Energy Physics, 2013, 2013, 1.	4.7	58
39	Measurement of the $\overline{\text{t}}\text{t}$ 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
40	Measurement of the $\chi(3872)$ production cross section via decays to $J/\psi + \bar{\psi}\psi$ in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	4.7	73
41	Study of the underlying event at forward rapidity in pp collisions at $\sqrt{s}=0.9, 2.76, 7, 13$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	4.7	50
42	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
43	Search in leptonic channels for heavy resonances decaying to long-lived neutral particles. Journal of High Energy Physics, 2013, 2013, 1.	4.7	32
44	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
45	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
46	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
47	Search for flavor changing neutral currents in top quark decays in pp collisions at 7 TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 718, 1252-1272.	4.1	20
48	Search for supersymmetry in events with photons and low missing transverse energy in pp collisions at $\sqrt{s}=7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 719, 42-61.	4.1	22
49	Search for a new bottomonium state decaying to $\gamma\gamma$. Journal of High Energy Physics, 2013, 727, 77-100.	4.1	45
50	Measurement of the $\chi(3872)$ production cross section via decays to $J/\psi + \bar{\psi}\psi$ in pp collisions at $\sqrt{s}=7$ TeV. Physical Review D, 2013, 88, .	4.1	37
51	Measurement of the $\chi(3872)$ production cross section in the underlying event in proton-proton collisions at $\sqrt{s}=7$ TeV and limits on ZZ ³ and Z ³ triple gauge boson couplings. Journal of High Energy Physics, 2013, 2013, 1.	4.1	88
52	Measurement of neutral strange particle production in the underlying event in proton-proton collisions at $\sqrt{s}=7$ TeV and limits on ZZ ³ and Z ³ triple gauge boson couplings. Journal of High Energy Physics, 2013, 2013, 1.	4.7	7
53	Observation of a diffractive contribution to dijet production in proton-proton collisions at $\sqrt{s}=7$ TeV. Physical Review D, 2013, 87, .	4.7	24
54	Measurement of the production cross section for $Z\gamma + \bar{u}u$ in pp collisions at $\sqrt{s}=7$ TeV and limits on ZZ ³ and Z ³ triple gauge boson couplings. Journal of High Energy Physics, 2013, 2013, 1.	4.7	14

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55	Measurement of the W-boson helicity in top-quark decays from $\overline{\text{t}}$ production in lepton+jets events in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	4.7	30
56	Search for supersymmetry in hadronic final states with missing transverse energy using the variables $\hat{\pm}$ T and b-quark multiplicity in pp collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2013, 73, 2568.	3.9	147
57	Measurement of the hadronic activity in events with a Z and two jets and extraction of the cross section for the electroweak production of a Z with two jets in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	4.7	16
58	Measurement of masses in the $\overline{\text{t}}$ system by kinematic endpoints in pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2013, 73, 2494.	3.9	55
59	Search for physics beyond the standard model in events with $\tilde{\ell}$, 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
60	Measurement of the $\text{ar}\{\text{t}\}$ production cross section in the $\tilde{\ell}$,+jets channel in pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2013, 73, 1.	3.9	24

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73	Search for a narrow, spin-2 resonance decaying to a pair of Z bosons in the $q\bar{q}$ collisions at $\sqrt{s} = 7.46$ TeV Searches for Higgs bosons in pp collisions at $\sqrt{s} = 7.46$ TeV XML Schema: http://www.w3.org/1998/Math/MathML	4.1	9
74	Search for a narrow, spin-2 resonance decaying to a pair of Z bosons in the $q\bar{q}$ collisions at $\sqrt{s} = 7.46$ TeV Searches for Higgs bosons in pp collisions at $\sqrt{s} = 7.46$ TeV XML Schema: http://www.w3.org/1998/Math/MathML	4.1	18
75	Search for a narrow, spin-2 resonance decaying to a pair of Z bosons in the $q\bar{q}$ collisions at $\sqrt{s} = 7.46$ TeV Searches for Higgs bosons in pp collisions at $\sqrt{s} = 7.46$ TeV XML Schema: http://www.w3.org/1998/Math/MathML	4.1	81
76	Search for a narrow, spin-2 resonance decaying to a pair of Z bosons in the $q\bar{q}$ collisions at $\sqrt{s} = 7.46$ TeV Searches for Higgs bosons in pp collisions at $\sqrt{s} = 7.46$ TeV XML Schema: http://www.w3.org/1998/Math/MathML	4.1	34
77	Measurement of the prompt J/ψ production in pp collisions at $\sqrt{s} = 7.46$ TeV XML Schema: http://www.w3.org/1998/Math/MathML	4.1	6
78	Measurement of the prompt J/ψ production in pp collisions at $\sqrt{s} = 7.46$ TeV XML Schema: http://www.w3.org/1998/Math/MathML		

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91	Measurement of the sum of WW and WZ production with W+dijet events in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2013, 73, 2283.	3.9	64
92	Measurement of differential top-quark-pair production cross sections in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2013, 73, 1. Search for narrow resonances using the dijet mass spectrum in	3.9	125
93	Search for contact interactions in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2013, 73, 1. Search for narrow resonances using the dijet mass spectrum in	4.7	71
94	Search for contact interactions in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2013, 73, 1. Search for narrow resonances using the dijet mass spectrum in	4.7	5
95	Search for contact interactions in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2013, 73, 1. Search for narrow resonances using the dijet mass spectrum in	7.8	282
96	Interpretation of searches for supersymmetry with simplified models. Physical Review D, 2013, 88, . Inclusive Search for Supersymmetry Using Razor Variables in	4.7	58
97	Search for Top Squarks in pp collisions at $\sqrt{s} = 7$ TeV. Physical Review D, 2013, 88, . Inclusive Search for Supersymmetry Using Razor Variables in	7.8	44
98	Search for Top Squarks in pp collisions at $\sqrt{s} = 7$ TeV. Physical Review D, 2013, 88, . Inclusive Search for Supersymmetry Using Razor Variables in	7.8	47
99	Search for Z resonances decaying to dilepton+jets final states in pp collisions at $\sqrt{s} = 7$ TeV. Physical Review D, 2013, 87, .	4.7	34
100	Search for new physics in final states with a lepton and missing transverse energy in pp collisions at the LHC. Physical Review D, 2013, 87, . Rapidly decaying resonances in dilepton+jets final states in pp collisions at $\sqrt{s} = 7$ TeV. Physical Review D, 2013, 87, .	4.7	11
101	Search for fractionally charged particles in pp collisions at $\sqrt{s} = 7$ TeV. Physical Review D, 2013, 87, . Rapidly decaying resonances in dilepton+jets final states in pp collisions at $\sqrt{s} = 7$ TeV. Physical Review D, 2013, 87, .	4.7	12
102	Search for pair-produced dijet resonances in four-jet final states in pp collisions at $\sqrt{s} = 7$ TeV. Physical Review D, 2013, 87, . Rapidly decaying resonances in dilepton+jets final states in pp collisions at $\sqrt{s} = 7$ TeV. Physical Review D, 2013, 87, .	4.7	41
103	Measurement of the Azimuthal Anisotropy of Neutral Pions in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2013, 110, 042301. Search for pair-produced dijet resonances in four-jet final states in pp collisions at $\sqrt{s} = 7$ TeV. Physical Review D, 2013, 87, .	7.8	82
104	Evidence for Associated Production of a Single Top Quark and W Boson in pp Collisions at $\sqrt{s} = 7$ TeV. Physical Review Letters, 2013, 110, 022003. Search for pair-produced dijet resonances in four-jet final states in pp collisions at $\sqrt{s} = 7$ TeV. Physical Review D, 2013, 87, .	7.8	61
105	Search for pair-produced dijet resonances in four-jet final states in pp collisions at $\sqrt{s} = 7$ TeV. Physical Review D, 2013, 87, . Rapidly decaying resonances in dilepton+jets final states in pp collisions at $\sqrt{s} = 7$ TeV. Physical Review D, 2013, 87, .	7.8	43
106	Search for pair-produced dijet resonances in four-jet final states in pp collisions at $\sqrt{s} = 7$ TeV. Physical Review D, 2013, 87, . Rapidly decaying resonances in dilepton+jets final states in pp collisions at $\sqrt{s} = 7$ TeV. Physical Review D, 2013, 87, .	4.7	12
107	Search for Pair Production of Third-Generation Leptoquarks and Top Squarks in pp collisions at $\sqrt{s} = 7$ TeV. Physical Review D, 2013, 87, . Rapidly decaying resonances in dilepton+jets final states in pp collisions at $\sqrt{s} = 7$ TeV. Physical Review D, 2013, 87, .	7.8	44
108	Search for pair-produced dijet resonances in four-jet final states in pp collisions at $\sqrt{s} = 7$ TeV. Physical Review D, 2013, 87, . Rapidly decaying resonances in dilepton+jets final states in pp collisions at $\sqrt{s} = 7$ TeV. Physical Review D, 2013, 87, .		

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109	Search for supersymmetry in events with opposite-sign dileptons and missing transverse energy using an artificial neural network. Physical Review D, 2013, 87, .	4.7	13
110	Measurement of the elliptic anisotropy of charged particles produced in PbPb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2013, 87, .	2.9	185
111	Search for supersymmetry in final states with a single lepton, b-quark jets, and missing transverse energy in proton-proton collisions at $\sqrt{s} = 7$ TeV. Physical Review D, 2013, 87, .	4.7	9
112	Measurement of associated production of vector bosons and top quark-antiquark pairs in pp collisions at $\sqrt{s} = 7$ TeV. Physical Review D, 2013, 87, .	7.8	45
113	Energy calibration and resolution of the CMS electromagnetic calorimeter in pp collisions at $\sqrt{s} = 7$ TeV. Journal of Instrumentation, 2013, 8, P09009-P09009.	1.2	140
114	Identification of b-quark jets with the CMS experiment. Journal of Instrumentation, 2013, 8, P04013-P04013.	1.2	418
115	The performance of the CMS muon detector in proton-proton collisions at $\sqrt{s} = 7$ TeV at the LHC. Journal of Instrumentation, 2013, 8, P11002-P11002.	1.2	119
116	Search for pair production of first- and second-generation scalar leptoquarks in pp collisions at $\sqrt{s} = 7$ TeV. Physical Review D, 2013, 87, .	4.7	32
117	Measurement of the Pseudorapidity and Centrality Dependence of the Transverse Energy Density in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2012, 109, 152303.	7.8	62
118	Azimuthal Anisotropy of Charged Particles at High Transverse Momenta in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2012, 109, 072301.	7.8	107
119	Search for pair production of first- and second-generation scalar leptoquarks in pp collisions at $\sqrt{s} = 7$ TeV. Physical Review D, 2013, 87, .	7.8	29
120	Search for New Physics and Missing Transverse Momentum Final State in Proton-Proton Collisions at $\sqrt{s} = 7$ TeV. Physical Review Letters, 2012, 109, 171803.	7.8	118
121	Search for New Physics with Same-Sign Isolated Dilepton Events with Jets and Missing Transverse Energy. Physical Review Letters, 2012, 109, 071803.	7.8	49
122	Search for the Standard Model Higgs Boson in the Decay Channel $H \rightarrow ZZ$. Physical Review Letters, 2012, 109, 161801.	7.8	97
123	Measurement of the Electron Charge Asymmetry in Inclusive pp Collisions at $\sqrt{s} = 7$ TeV. Physical Review D, 2013, 87, .	7.8	65
124	Search for pair production of first- and second-generation scalar leptoquarks in pp collisions at $\sqrt{s} = 7$ TeV. Physical Review D, 2013, 87, .	7.8	95
125	Search for supersymmetry in events with b-quark jets and missing transverse energy in pp collisions at $\sqrt{s} = 7$ TeV. Physical Review D, 2012, 86, .	4.7	18
126	Inclusive search for squarks and gluinos in pp collisions at $\sqrt{s} = 7$ TeV. Physical Review D, 2013, 87, .	4.7	41

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127	Combined search for the quarks of a sequential fourth generation. Physical Review D, 2012, 86, .	4.7	26
128	Study of the Dijet Mass Spectrum in pp collisions at $\sqrt{s} = 7$ TeV. Physical Review Letters, 2012, 109, 251801.	4.7	15
129	Search for Dark Matter and Large Extra Dimensions in pp Collisions Yielding a Photon and Missing Transverse Energy. Physical Review Letters, 2012, 108, 261803.	7.8	126
130	Observation of a New Λ_b Baryon. Physical Review Letters, 2012, 108, 252002.	7.8	65
131	Performance of τ , q -lepton reconstruction and identification in CMS. Journal of Instrumentation, 2012, 7, P01001-P01001.	1.2	91
132	Inclusive b-jet production in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	39
133	Search for quark compositeness in dijet angular distributions from pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	18
134	Suppression of non-prompt J/ψ , prompt J/ψ , and $\Upsilon(1S)$ in PbPb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	200
135	Search for heavy bottom-like quarks in 4.9 fb $^{-1}$ of pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	45
136	Measurement of the cross section for production of b decaying to muons in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	6
137	Measurement of the Z - b -jet cross section in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	39
138	Shape, transverse size, and charged-hadron multiplicity of jets in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	31
139	Search for anomalous production of multilepton events in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	68
140	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
141	Search for leptonic decays of W bosons in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	49
142	Search for stopped long-lived particles produced in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	17
143	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
144	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

#	ARTICLE	IF	CITATIONS
145	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
146	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
147	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
148	Measurement of jet fragmentation into charged particles in pp and PbPb collisions at $\sqrt{s_{\mathrm{NN}}}} = 2.76$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	85
149	Measurement of the $\overline{\mathrm{t}}\mathrm{t}$ 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
150	Search for exclusive or semi-exclusive $\hat{\pi}\hat{\pi}^3$ 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
151	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
152	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
153	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
154	Search for resonant $\overline{\mathrm{t}}\mathrm{t}$ production in lepton+jets events in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	26
155	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
156	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
157	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
158	Measurement of the top-quark mass in $\overline{\mathrm{t}}\mathrm{t}$ 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
159	Observation of a new boson at a mass of 125 GeV with the CMS experiment at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 716, 30-61.	4.1	6,177
160	Measurement of the $\overline{\mathrm{t}}\mathrm{t}$ production cross section in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	35
161	Measurement of the rapidity and transverse momentum distributions of $\overline{\mathrm{t}}\mathrm{t}$ bosons with Right-Handed Couplings in a Left-Right Symmetric Model in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	7.8	53
162	Measurement of the rapidity and transverse momentum distributions of $\overline{\mathrm{t}}\mathrm{t}$ bosons in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	108

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163	Search for neutral Higgs bosons decaying to tau pairs in pp collisions at $\sqrt{s} = 7$ TeV. Measurement of the cross section and the τ polarization. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 714, 158-179.	4.1	120
164	Search for narrow resonances in dilepton mass spectra in pp collisions at $\sqrt{s} = 7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 714, 158-179.	4.1	37
165	Search for heavy, top-like quark pair production in the dilepton final state in pp collisions at $\sqrt{s} = 7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 716, 103-121.	4.1	45
166	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
167	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
168	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
169	Measurement of the top-quark mass in $t\bar{t}$ events with dilepton final states in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2012, 72, 1.	3.9	42
170	Ratios of dijet production cross sections as a function of the absolute difference in rapidity between jets in proton-proton collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2012, 72, 1.	3.9	26
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181	Search for heavy lepton partners of neutrinos in proton-proton collisions in the context of the type III seesaw mechanism. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 718, 348-368.	4.1	26
182	Search for heavy lepton partners of neutrinos in proton-proton collisions in the context of the type III seesaw mechanism. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 718, 348-368.	4.1	36
183	Performance of CMS muon reconstruction in pp collision events at $\sqrt{s} = 7$ TeV. Journal of Instrumentation, 2012, 7, P10002-P10002.	1.2	467
184	Search for Signatures of Extra Dimensions in the Diphoton Mass Spectrum at the Large Hadron Collider. Physical Review Letters, 2012, 108, 111801.	7.8	63
185	Forward energy flow, central charged-particle multiplicities, and pseudorapidity gaps in W and Z boson events from pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2012, 72, 1.	3.9	11
186	J/ψ and $\Upsilon(2S)$ production in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	81
187	Search for the standard model Higgs boson in the $H \rightarrow ZZ \rightarrow 2\gamma, 2l, 2\nu$ channel in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	26
188	Search for the standard model Higgs boson in the $H \rightarrow ZZ \rightarrow \gamma\gamma, \gamma l, l\gamma, \nu\bar{\nu}$ decay channel in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	11
189	Search for $B_s \rightarrow \mu^+ \mu^-$ and $B \rightarrow \mu^+ \mu^-$ decays. Journal of High Energy Physics, 2012, 2012, 1.	4.7	57
190	Search for a Higgs boson in the decay channel $H \rightarrow ZZ \rightarrow q\bar{q} \gamma\gamma, \gamma\gamma, \gamma\gamma, \gamma\gamma$ in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	30
191	Search for microscopic black holes in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	34
192	Measurement of the inclusive production cross sections for forward jets and for dijet events with one forward and one central jet in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	16
193	Measurement of the mass difference between top and antitop quarks. Journal of High Energy Physics, 2012, 2012, 1.	4.7	15
194	Measurement of the charge asymmetry in top-quark pair production in proton-proton collisions at $\sqrt{s} = 7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 709, 28-49.	4.1	79
195	Combined results of searches for the standard model Higgs boson in pp collisions at $\sqrt{s} = 7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 709, 28-49.	4.1	107
196	Search for the standard model Higgs boson decaying to $2\mu\mu$ in pp collisions at $\sqrt{s} = 7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 710, 284-306.	4.1	88
197	Search for the standard model Higgs boson decaying to $2\mu\mu$ in pp collisions at $\sqrt{s} = 7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 710, 284-306.	4.1	122
198	Search for the standard model Higgs boson decaying to bottom quarks in pp collisions at $\sqrt{s} = 7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 710, 284-306.	4.1	107

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199	Search for the standard model Higgs boson decaying into two photons in pp collisions at $\sqrt{s} = 7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 710, 405-425.	4.1	148
200	Centrality dependence of jet quenching in PbPb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. European Physical Journal C, 2012, 72, 1.	4.1	17
201	Study of high-p _T charged particle suppression in PbPb compared to pp collisions at $\sqrt{s_{NN}} = 2.76$ TeV. European Physical Journal C, 2012, 72, 1.	3.9	369
202	Centrality dependence of dihadron correlations and azimuthal anisotropy harmonics in PbPb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. European Physical Journal C, 2012, 72, 1.	3.9	181
203	Jet production rates 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	58
204	Exclusive $\hat{\sigma}(\hat{p}_T^1 + \hat{p}_T^2) > 1/4 \hat{p}_T^1$ production in proton-proton collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	56
205	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
206	Upsilon production cross section in pp collisions at $\sqrt{s} = 7$ TeV. Physical Review D, 2011, 83, 114017.	4.7	45
207	Upsilon production cross section in pp collisions at $\sqrt{s} = 7$ TeV. Physical Review D, 2011, 83, 114017.	4.7	88
208	Measurement of the differential cross section for isolated prompt photon production in pp collisions at $\sqrt{s} = 7$ TeV. Physical Review D, 2011, 84, 114017.	4.7	65
209	Cross Section with $B < s < B$ in pp collisions at $\sqrt{s} = 7$ TeV. Physical Review D, 2011, 84, 114017.	4.7	35
210	Observation and studies of jet quenching in PbPb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2011, 84, 054907.	2.9	155
211	Indications of Suppression of Excited States in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2011, 107, 052302.	7.8	153
212	Collisions at $\sqrt{s} = 7$ TeV. Physical Review Letters, 2011, 106, 201804.	7.8	54
213	Missing transverse energy performance of the CMS detector. Journal of Instrumentation, 2011, 6, P09001-P09001.	1.2	102
214	Measurement of $W^{\pm}Z$ and $Z^{\pm}Z$ production in pp collisions at $\sqrt{s} = 7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 701, 535-555.	4.1	39
215	Measurement of the ratio of the 3-jet to 2-jet cross sections in pp collisions at $\sqrt{s} = 7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 701, 535-555.	4.1	14
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217	Search for first generation scalar leptoquarks in the $e^+e^- \rightarrow \mu^+\mu^- \gamma$ channel in pp collisions at $\sqrt{s} = 7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 704, 123-142.	4.1	12
218	Search for resonances in the dijet mass spectrum from 7 TeV pp collisions at CMS. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 704, 123-142.	4.1	118
219	Search for physics beyond the standard model using multiple lepton signatures in $e^+e^- \rightarrow \mu^+\mu^- \gamma$ collisions at $\sqrt{s} = 7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 704, 123-142.	4.1	8
220	Search for physics beyond the standard model using multiple lepton signatures in $e^+e^- \rightarrow \mu^+\mu^- \gamma$ collisions at $\sqrt{s} = 7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 704, 123-142.	4.1	28
221	Prompt and non-prompt J/ψ production in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2011, 71, 1.	3.9	135
222	Measurement of the $\sigma(\text{tar})$ 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
223	Charged particle multiplicities in pp interactions at $\sqrt{s} = 0.9, 2.36, \text{ and } 7$ TeV. Journal of High Energy Physics, 2011, 2011, 1.	4.7	106
224	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
225	Search for heavy stable charged particles in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2011, 2011, 1.	4.7	38
226	Inclusive b-hadron production cross section with muons in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2011, 2011, 1.	4.7	23
227	Measurement of $\overline{B}B$ angular correlations based on secondary vertex reconstruction at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2011, 2011, 1.	4.7	32
228	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
229	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
230	Strange particle production in pp collisions at $\sqrt{s} = 0.9$ and 7 TeV. Journal of High Energy Physics, 2011, 2011, 1.	4.7	139
231	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
232	Search for resonances in the dilepton mass distribution in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2011, 2011, 1.	4.7	39
233	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
234	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

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235	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
236	Measurement of the $\sigma(t\bar{t})$ 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
237	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
238	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
239	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
240	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
241	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
242	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
243	Dependence on pseudorapidity and on centrality of charged hadron production in PbPb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2011, 2011, 1.	4.7	99
244	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
245	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
246	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
247	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
248	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
249	First measurement of the cross section for top-quark pair production in proton-proton collisions at $\sqrt{s} = 7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 695, 424-443.	4.1	90
250	Search for microscopic black hole signatures at the Large Hadron Collider. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 697, 434-453.	4.1	65
251	Search for a heavy gauge boson. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 697, 434-453.	4.1	26
252	Search for supersymmetry in pp collisions at 7 TeV in events with jets and missing transverse energy. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 698, 196-218.	4.1	171

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253	Measurement of $W+W_{\nu}$ production and search for the Higgs boson in pp collisions at $\sqrt{s}=7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 699, 25-47.	4.1	38
254	First measurement of hadronic event shapes in pp collisions at $\sqrt{s}=7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 699, 48-67.	4.1	38
255	Measurement of the differential dijet production cross section in proton-proton collisions at $\sqrt{s}=7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 699, 48-67.	4.1	27
256	Search for a χ_{c1} resonance in $B \rightarrow \chi_{c1} \gamma$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 699, 48-67.	4.1	27
257	Measurement of the isolated prompt photon production cross section in proton-proton collisions at $\sqrt{s}=7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 699, 48-67.	4.1	30
258	Search for pair production of second-generation scalar leptons in proton-proton collisions at $\sqrt{s}=7$ TeV. Physical Review Letters, 2011, 107, 101802.	7.8	62
259	Search for pair production of second-generation scalar leptons in proton-proton collisions at $\sqrt{s}=7$ TeV. Physical Review Letters, 2011, 107, 101802.	7.8	80
260	Search for $B_s \rightarrow \tau^+ \tau^-$ and $B \rightarrow \tau^+ \tau^-$ Decays in pp Collisions at $\sqrt{s}=7$ TeV. Physical Review Letters, 2011, 107, 101802.	7.8	17
261	Search for Pair Production of Second-Generation Scalar Leptoquarks in pp Collisions at $\sqrt{s}=7$ TeV. Physical Review Letters, 2011, 106, 201803.	7.8	208
262	Search for Supersymmetry at the LHC in Events with Jets and Missing Transverse Energy. Physical Review Letters, 2011, 107, 221804.	7.8	80
263	Study of $Z \rightarrow \tau^+ \tau^-$ Boson Production in PbPb Collisions at $\sqrt{s}=2.76$ TeV. Physical Review Letters, 2011, 106, 212301.	7.8	47
264	Search for Supersymmetry in pp Collisions at $\sqrt{s}=7$ TeV in Events with Two Photons and Missing Transverse Energy. Physical Review Letters, 2011, 106, 211802.	7.8	21
265	Search for Pair Production of First-Generation Scalar Leptoquarks in pp Collisions at $\sqrt{s}=7$ TeV. Physical Review Letters, 2011, 106, 201802.	4.7	51
266	Measurement of the weak mixing angle with the Drell-Yan process in proton-proton collisions at the LHC. Physical Review D, 2011, 84, .	7.8	53
267	Search for New Physics with a Monojet and Missing Transverse Energy in pp Collisions at $\sqrt{s}=7$ TeV. Physical Review Letters, 2011, 106, 211802.	7.8	59
268	Search for a Vectorlike Quark with Charge $\pm 2/3$ in pp Collisions at $\sqrt{s}=7$ TeV. Physical Review Letters, 2011, 106, 211802.	7.8	125
269	Measurement of the weak mixing angle with the Drell-Yan process in proton-proton collisions at the LHC. Physical Review D, 2011, 84, .	7.8	61
270	Search for a Vectorlike Quark with Charge $\pm 2/3$ in pp Collisions at $\sqrt{s}=7$ TeV. Physical Review Letters, 2011, 106, 211802.		

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271	Search for Three-jet Resonances in pp Collisions at $\sqrt{s} = 7$ TeV in pp Collisions at $\sqrt{s} = 7$ TeV Search for Neutral Minimal Supersymmetric Standard Model Higgs Bosons Decaying to Tau Pairs in pp Collisions at $\sqrt{s} = 7$ TeV Direct Azimuthal Decorrelations in pp Collisions at $\sqrt{s} = 7$ TeV Physical Review Letters, 2011, 106, 251801	7.8	34
272	Search for Three-jet Resonances in pp Collisions at $\sqrt{s} = 7$ TeV in pp Collisions at $\sqrt{s} = 7$ TeV Search for Neutral Minimal Supersymmetric Standard Model Higgs Bosons Decaying to Tau Pairs in pp Collisions at $\sqrt{s} = 7$ TeV Direct Azimuthal Decorrelations in pp Collisions at $\sqrt{s} = 7$ TeV Physical Review Letters, 2011, 106, 251801	7.8	74
273	Search for Three-jet Resonances in pp Collisions at $\sqrt{s} = 7$ TeV in pp Collisions at $\sqrt{s} = 7$ TeV Search for Neutral Minimal Supersymmetric Standard Model Higgs Bosons Decaying to Tau Pairs in pp Collisions at $\sqrt{s} = 7$ TeV Direct Azimuthal Decorrelations in pp Collisions at $\sqrt{s} = 7$ TeV Physical Review Letters, 2011, 106, 251801	7.8	60
274	Measurement of the Polarization of W Bosons with Large Transverse Momenta in pp Collisions at $\sqrt{s} = 7$ TeV Search for Stopped Gluinos in pp Collisions at $\sqrt{s} = 7$ TeV Physical Review Letters, 2011, 107, 012002	7.8	46
275	Search for Stopped Gluinos in pp Collisions at $\sqrt{s} = 7$ TeV Physical Review Letters, 2011, 107, 012002 Channel Single Top Quark Production Cross Section in pp Collisions at $\sqrt{s} = 7$ TeV Search for Stopped Gluinos in pp Collisions at $\sqrt{s} = 7$ TeV Physical Review Letters, 2011, 107, 012002	7.8	70
276	Search for Stopped Gluinos in pp Collisions at $\sqrt{s} = 7$ TeV Physical Review Letters, 2011, 106, 011801 Determination of jet energy calibration and transverse momentum resolution in CMS. Journal of Instrumentation, 2011, 6, P11002-P11002.	7.8	41
277	Determination of jet energy calibration and transverse momentum resolution in CMS. Journal of Instrumentation, 2011, 6, P11002-P11002.	1.2	508
278	Performance and operation of the CMS electromagnetic calorimeter. Journal of Instrumentation, 2010, 5, T03010-T03010.	1.2	59
279	Time reconstruction and performance of the CMS electromagnetic calorimeter. Journal of Instrumentation, 2010, 5, T03011-T03011.	1.2	34
280	Performance of CMS hadron calorimeter timing and synchronization using test beam, cosmic ray, and LHC beam data. Journal of Instrumentation, 2010, 5, T03013-T03013.	1.2	20
281	Performance of the CMS drift tube chambers with cosmic rays. Journal of Instrumentation, 2010, 5, T03015-T03015.	1.2	24
282	Calibration of the CMS drift tube chambers and measurement of the drift velocity with cosmic rays. Journal of Instrumentation, 2010, 5, T03016-T03016.	1.2	17
283	Performance study of the CMS barrel resistive plate chambers with cosmic rays. Journal of Instrumentation, 2010, 5, T03017-T03017.	1.2	25
284	Performance of the CMS cathode strip chambers with cosmic rays. Journal of Instrumentation, 2010, 5, T03018-T03018.	1.2	20
285	Aligning the CMS muon chambers with the muon alignment system during an extended cosmic ray run. Journal of Instrumentation, 2010, 5, T03019-T03019.	1.2	19
286	Measurement of the muon stopping power in lead tungstate. Journal of Instrumentation, 2010, 5, P03007-P03007.	1.2	25
287	Performance of the CMS Level-1 trigger during commissioning with cosmic ray muons and LHC beams. Journal of Instrumentation, 2010, 5, T03002-T03002.	1.2	24
288	Performance of the CMS drift-tube chamber local trigger with cosmic rays. Journal of Instrumentation, 2010, 5, T03003-T03003.	1.2	19

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289	Commissioning and performance of the CMS silicon strip tracker with cosmic ray muons. Journal of Instrumentation, 2010, 5, T03008-T03008.	1.2	25
290	Alignment of the CMS silicon tracker during commissioning with cosmic rays. Journal of Instrumentation, 2010, 5, T03009-T03009.	1.2	59
291	Commissioning of the CMS experiment and the cosmic run at four tesla. Journal of Instrumentation, 2010, 5, T03001-T03001.	1.2	37
292	Fine synchronization of the CMS muon drift-tube local trigger using cosmic rays. Journal of Instrumentation, 2010, 5, T03004-T03004.	1.2	18
293	Commissioning of the CMS High-Level Trigger with cosmic rays. Journal of Instrumentation, 2010, 5, T03005-T03005.	1.2	5
294	Performance of the CMS hadron calorimeter with cosmic ray muons and LHC beam data. Journal of Instrumentation, 2010, 5, T03012-T03012.	1.2	36
295	Alignment of the CMS muon system with cosmic-ray and beam-halo muons. Journal of Instrumentation, 2010, 5, T03020-T03020.	1.2	23
296	Precise mapping of the magnetic field in the CMS barrel yoke using cosmic rays. Journal of Instrumentation, 2010, 5, T03021-T03021.	1.2	36
297	Performance of CMS muon reconstruction in cosmic-ray events. Journal of Instrumentation, 2010, 5, T03022-T03022.	1.2	52
298	CMS data processing workflows during an extended cosmic ray run. Journal of Instrumentation, 2010, 5, T03006-T03006.	1.2	19
299	Commissioning and performance of the CMS pixel tracker with cosmic ray muons. Journal of Instrumentation, 2010, 5, T03007-T03007.	1.2	35
300	Study of various photomultiplier tubes with muon beams and Čerenkov light produced in electron showers. Journal of Instrumentation, 2010, 5, P06002-P06002.	1.2	5
301	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
302	CMS tracking performance results from early LHC operation. European Physical Journal C, 2010, 70, 1165-1192.	3.9	120
303	Transverse-momentum and pseudorapidity distributions of charged hadrons in pp collisions at $\sqrt{s} = 0.9$ and 2.36 TeV. Journal of High Energy Physics, 2010, 2010, 1.	4.7	230
304	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
305	Measurement of the charge ratio of atmospheric muons with the CMS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 692, 83-104.	4.1	38
306	Identification and filtering of uncharacteristic noise in the CMS hadron calorimeter. Journal of Instrumentation, 2010, 5, T03014-T03014.	1.2	57

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308	First Measurement of Bose-Einstein Correlations in Proton-Proton Collisions at $\sqrt{s}=2.36$ TeV at the LHC. Physical Review Letters, 2010, 105, 032001.	7.8	49
309	Search for Quark Compositeness with the Dijet Centrality Ratio in pp Collisions at $\sqrt{s}=7$ TeV. Physical Review Letters, 2010, 105, 022002.	7.8	400
310	Design, performance, and calibration of the CMS hadron-outer calorimeter. European Physical Journal C, 2008, 57, 653-663.	3.9	12
311	The CMS experiment at the CERN LHC. Journal of Instrumentation, 2008, 3, S08004-S08004.	1.2	2,192
312	Light Charged Higgs Search with Deviation Neural Networks. International Journal of Modern Physics A, 0, , .	1.5	0