

Darko MekteroviÄ

List of Publications by Year in descending order

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Version: 2024-02-01

370
papers

32,579
citations

4960

84
h-index

5539

163
g-index

377
all docs

377
docs citations

377
times ranked

11588
citing authors

#	ARTICLE	IF	CITATIONS
1	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

2	Photoproduction of η pairs off nucleons and deuterons. European Physical Journal A, 2016, 52, 1.	2.5	16
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3	Measurement of the ratio R_{η} . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 770, 50-71.		
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#	ARTICLE	IF	CITATIONS
19	Search for pair-produced resonances decaying to jet pairs in proton-proton collisions at $\sqrt{s}=8$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 747, 98-119.	4.1	63
20	Search for heavy Majorana neutrinos in $\sqrt{s}=8$ TeV proton collisions at $\sqrt{s}=8$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 747, 98-119.	4.1	68
21	The isospin structure of photoproduction of $\bar{\nu}_e \nu_e$ pairs from the nucleon in the threshold region. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 748, 244-250.	4.1	17
22	Searches for supersymmetry using the M_{T2} variable in hadronic events produced in pp collisions at 8 TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	34
23	Search for the production of dark matter in association with top-quark pairs in the single-lepton final state in proton-proton collisions at $\sqrt{s}=8$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	20
24	Search for vector-like T quarks decaying to top quarks and Higgs bosons in the all-hadronic channel using jet substructure. Journal of High Energy Physics, 2015, 2015, 1.	4.7	24
25	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
26	Measurement of the $Z\bar{\nu}\nu$ production cross section in pp collisions at 8 TeV and search for anomalous triple gauge boson couplings. Journal of High Energy Physics, 2015, 2015, 1.	4.7	11
27	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
28	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
29	Measurements of the $Z\bar{\nu}\nu$ production cross sections in the $2\ell 2\ell$ channel in proton-proton collisions at $\sqrt{s}=7$ and $\sqrt{s}=8$ TeV. European Physical Journal C, 2015, 75, 511.	3.9	32
30	Measurement of the Z boson differential cross section in transverse momentum and rapidity in proton-proton collisions at 8 TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 749, 187-209.	4.1	63
31	Long-range two-particle correlations of strange hadrons with charged particles in pPb and PbPb collisions at LHC energies. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 742, 200-224.	4.1	77
32	Search for new resonances decaying via WZ to leptons in proton-proton collisions at $\sqrt{s}=8$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 740, 60-104.	4.1	57
33	Differential cross section measurements for the production of a W boson in association with jets in proton-proton collisions at $\sqrt{s}=8$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 743, 383-402.	4.1	16
34	Measurement of the production cross section ratio $\sigma(\bar{\nu}\nu)/\sigma(\bar{\nu}\nu)$ in pp collisions at $\sqrt{s}=8$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 743, 383-402.	4.1	16
35	Measurement of the production cross section ratio $\sigma(\bar{\nu}\nu)/\sigma(\bar{\nu}\nu)$ in pp collisions at $\sqrt{s}=8$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 743, 383-402.	4.1	16
36	Search for stealth supersymmetry in events with jets, either photons or leptons, and low missing transverse momentum in pp collisions at 8 TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 743, 503-525.	4.1	18

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37	Search for a standard model Higgs boson in the $\gamma\gamma$ channel in proton-proton collisions at $\sqrt{s}=8$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 744, 184-207.	4.1	67
38	Searches for supersymmetry based on events with b jets and four W bosons in pp collisions at 8 TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 745, 5-28.	4.1	21
39	Search for dark contact interactions and extra spatial dimensions using rigid angular distributions in proton-proton collisions at $\sqrt{s}=8$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 745, 5-28.	4.1	24
40	Measurement of the cross section ratio $\sigma(\text{pp} \rightarrow \text{t}\bar{\text{t}}) / \sigma(\text{pp} \rightarrow \text{t}\bar{\text{t}} + \text{b}\bar{\text{b}})$ in proton-proton collisions at $\sqrt{s}=8$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 745, 5-28.	4.1	15
41	Search for displaced supersymmetry in events with an electron and a muon with large impact parameters in proton-proton collisions at $\sqrt{s}=8$ TeV. Physical Review D, 2015, 91, .	4.7	46
42	Search for long-lived neutral particles decaying to quark-antiquark pairs in proton-proton collisions at $\sqrt{s}=8$ TeV. Physical Review D, 2015, 91, .	4.7	90
43	Photoproduction of the $\rho(770)$ meson on the proton near threshold. Physical Review C, 2015, 91, .	2.9	35
44	Search for long-lived particles that decay into final states containing two electrons or two muons in proton-proton collisions at $\sqrt{s}=8$ TeV. Physical Review D, 2015, 91, .	4.7	70
45	Search for Monotop Signatures in Proton-Proton Collisions at $\sqrt{s}=8$ TeV. Physical Review Letters, 2015, 114, 101801.	7.8	36
46	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
47	Search for Displaced Supersymmetry in Events with an Electron and a Muon with Large Impact Parameters. Physical Review Letters, 2015, 114, 061801.	7.8	44
48	Measurement of the cross section ratio $\sigma(\text{pp} \rightarrow \text{t}\bar{\text{t}}) / \sigma(\text{pp} \rightarrow \text{t}\bar{\text{t}} + \text{b}\bar{\text{b}})$ in proton-proton collisions at $\sqrt{s}=8$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 745, 5-28.	7.8	60
49	Study of Vector Boson Scattering and Search for New Physics in Events with Two Same-Sign Leptons and Two Jets. Physical Review Letters, 2015, 114, 051801.	7.8	80
50	Search for resonances and quantum black holes using dijet mass spectra in proton-proton collisions at $\sqrt{s}=8$ TeV. Physical Review D, 2015, 91, .	4.7	167
51	Measurement of the cross section ratio $\sigma(\text{pp} \rightarrow \text{t}\bar{\text{t}}) / \sigma(\text{pp} \rightarrow \text{t}\bar{\text{t}} + \text{b}\bar{\text{b}})$ in proton-proton collisions at $\sqrt{s}=8$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 745, 5-28.	4.7	46
52	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
53	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
54	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

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55	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
56	Measurement of the ratio of the production cross sections times branching fractions of $B_c \rightarrow \mu^+ \nu_\mu \ell^+ \ell^-$ and $B_s \rightarrow \mu^+ \nu_\mu \ell^+ \ell^-$ and $B_c \rightarrow \mu^+ \nu_\mu \ell^+ \ell^-$ and $B_s \rightarrow \mu^+ \nu_\mu \ell^+ \ell^-$. Journal of High Energy Physics, 2015, 2015, 1.	4.7	17
57	Search for disappearing tracks in proton-proton collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	46
58	Study of Z production in PbPb and pp collisions at $\sqrt{s_{NN}} = 2.76$ TeV in the dimuon and dielectron decay channels. Journal of High Energy Physics, 2015, 2015, 1.	4.7	27
59	Search for physics beyond the standard model in dilepton mass spectra in proton-proton collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	78
60	Observation of the rare $B_s \rightarrow \mu^+ \mu^-$ decay from the combined analysis of CMS and LHCb data. Nature, 2015, 522, 68-72.	27.8	390
61	Search for narrow high-mass resonances in proton-proton collisions at $\sqrt{s} = 8$ TeV decaying to a Z and a Higgs boson. Physics Letters, Section B: Nuclear, Elementary Particle and Hadron Energy Physics, 2015, 749, 255-277.	4.7	17
62	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
63	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
64	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
65	Study of W boson production in pPb collisions at $\sqrt{s} = 5.02$ TeV. European Physical Journal C, 2015, 75, 237.	3.9	42
66	Measurements of the $\langle \mathbf{p}_T \rangle$ of the W boson in pPb collisions at $\sqrt{s} = 5.02$ TeV. European Physical Journal C, 2015, 75, 237.	4.1	34
67	VIBA-Lab 3.0: Computer program for simulation and semi-quantitative analysis of PIXE and RBS spectra and 2D elemental maps. Nuclear Instruments & Methods in Physics Research B, 2015, 363, 37-41.	1.4	2
68	Distributions of topological observables in inclusive three- and four-jet events in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2015, 75, 302.	3.9	6
69	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, 302.	3.9	43
70	Measurement of Prompt Neutrons in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review D, 2014, 90, 074011.	7.8	47
71	Yield Ratios in Pb-Pb and pp collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review D, 2014, 90, 074011.	4.7	15
72	Search for heavy neutrinos and W bosons with right-handed couplings in proton-proton collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2014, 74, 3149.	3.9	179

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73	Measurement of top quarkâ€“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
74	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
75	Search for neutral MSSM Higgs bosons decaying to a pair of tau leptons in pp collisions. Journal of High Energy Physics, 2014, 2014, 1.	4.7	81
76	Measurement of pseudorapidity distributions of charged particles in protonâ€“proton collisions at $\sqrt{s} = 8$ TeV by the CMS and TOTEM experiments. European Physical Journal C, 2014, 74, 1.	3.9	49
77	Measurement of prompt J/ψ pair production in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	4.7	61
78	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	23
79	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	23
80	Search for pair production of third-generation scalar leptoquarks and top squarks in protonâ€“proton collisions at $\sqrt{s} = 8$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 739, 229-249.	4.1	23
81	Alignment of the CMS tracker with LHC and cosmic ray data. Journal of Instrumentation, 2014, 9, P06009-P06009.	1.2	32
82	Measurement of jet fragmentation in PbPb and pPb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2014, 89, .	2.9	113
83	Measurement of higher-order harmonic azimuthal anisotropy in PbPb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2014, 89, .	2.9	133
84	New measurement of the rare decay $B \rightarrow K^* \mu^+ \mu^-$ at the Crystal Ball/TAPS detectors at the Mainz Microtron. Physical Review C, 2014, 90, .	2.9	113
85	Search for Top Squark and Higgsino Production Using Diphoton Higgs Boson Decays. Physical Review Letters, 2014, 112, 161802.	7.8	45
86	New determination of the $B \rightarrow K^* \mu^+ \mu^-$ transition form factor in the Dalitz decay $B \rightarrow K^* \mu^+ \mu^- \gamma$ at the Crystal Ball/TAPS detectors at the Mainz Microtron. Physical Review C, 2014, 89, .	2.9	40
87	Measurement of inclusive W and Z boson production cross sections in pp collisions at $\sqrt{s} = 7$ TeV. Physical Review Letters, 2014, 112, 171801.	4.7	70
88	Measurement of inclusive W and Z boson production cross sections in pp collisions at $\sqrt{s} = 7$ TeV. Physical Review Letters, 2014, 112, 171801.	7.8	94
89	Search for Top-Quark Partners with Charge $\pm 2/3$ in the Same-Sign Dilepton Final State. Physical Review Letters, 2014, 112, 171801.	7.8	63
90	Search for Top-Quark Partners with Charge $\pm 2/3$ in the Same-Sign Dilepton Final State. Physical Review Letters, 2014, 112, 171801.	7.8	76

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109	Measurement of the $\sigma(\text{top}\bar{\text{t}})$ production cross section in the dilepton channel in pp collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	4.7	52
110	Measurement of associated W + charm production in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	4.7	55
111	Search for new physics in events with same-sign dileptons and jets in pp collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	4.7	48
112	Measurement of the $\sigma(\text{top}\bar{\text{t}})$ production cross section in pp collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	4.1	20
113	Measurement of the $\sigma(\text{top}\bar{\text{t}})$ production cross section in pp collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2014, 2014, 1.		

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145	Studies of jet mass in dijet and W/Z + jet events. Journal of High Energy Physics, 2013, 2013, 1.	4.7	58
146	Measurement of the $X(3872)$ production cross section via decays to $J/\psi \bar{\nu} + \bar{\nu} \hat{\nu}$ in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	4.7	73
147	Study of the underlying event at forward rapidity in pp collisions at $\sqrt{s}=0.9, 2.76, \text{and } 7$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	4.7	50
148	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
149	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
150	Search in leptonic channels for heavy resonances decaying to long-lived neutral particles. Journal of High Energy Physics, 2013, 2013, 1.	4.7	32
151	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
152	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
153	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
154	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
155	Search for supersymmetry in events with photons and low missing transverse energy in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	4.1	22
156	Search for a new bottomonium state decaying to charm and high-energy photons. Journal of High Energy Physics, 2013, 2013, 1.	4.1	37
157	Observation of a diffractive contribution to dijet production in proton-proton collisions at $\sqrt{s}=7$ TeV. Physical Review D, 2013, 87, 112001.	4.7	24
158	Measurement of the W-boson helicity in top-quark decays from $\overline{\text{t}} \rightarrow \text{W} + \text{b}$ production in lepton+jets events in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	4.7	30
159	Search for supersymmetry in hadronic final states with missing transverse energy using the variables \hat{T} and b-quark multiplicity in pp collisions at $\sqrt{s}=8$ TeV. European Physical Journal C, 2013, 73, 2568.	3.9	147
160	Measurement of masses in the $\overline{\text{t}} \rightarrow \text{W} + \text{b}$ system by kinematic endpoints in pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2013, 73, 2494.	3.9	55
161	Search for physics beyond the standard model in events with $\bar{\nu}$, 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
162			

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181	Search for heavy resonances in the W/Z-tagged dijet mass spectrum in pp collisions at 7 TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 723, 280-301.	4.1	15
182	Studies of jet quenching using isolated-photon + jet correlations in PbPb and pp collisions at $\sqrt{s} = 2.76$ and $\sqrt{s} = 7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 718, 773-794.	4.1	130
183	Observation of long-range, near-side angular correlations in pPb collisions at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 718, 795-814.	4.1	520
184	Search for new physics in events with opposite-sign leptons, jets, and missing transverse energy in pp collisions at $\sqrt{s} = 7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 718, 815-840.	4.1	10
185	New studies of allowed pion and muon decays. , 2013, , .		0
186	Search for narrow resonances using the dijet mass spectrum in pp collisions at $\sqrt{s} = 7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 718, 815-840.	4.7	71
187	Search for new physics in events with opposite-sign leptons, jets, and missing transverse energy in pp collisions at $\sqrt{s} = 7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 718, 815-840.	4.7	5
188	Searches for new physics using θ_{eff} -invariant mass distribution in pp collisions at $\sqrt{s} = 8$ TeV. Physical Review Letters, 2013, 111, 211804.	7.8	90
189	Interpretation of searches for supersymmetry with simplified models. Physical Review D, 2013, 88, .	4.7	58
190	Inclusive Search for Supersymmetry Using Razor Variables in pp collisions at $\sqrt{s} = 7$ TeV. Physical Review Letters, 2013, 111, 221801.	7.8	44
191	Search for Top Squarks in Parity-Violating Supersymmetry Using Three or More Leptons and b -Tagged Jets. Physical Review Letters, 2013, 111, 221801.	7.8	47
192	Search for $Z\tilde{\chi}^0\tilde{\chi}^0$ resonances decaying to dilepton+jet final states in pp collisions at $\sqrt{s} = 7$ TeV. Physical Review D, 2013, 87, .	4.7	34
193	Measurements of differential jet cross sections in proton-proton collisions at $\sqrt{s} = 7$ TeV with the CMS detector. Physical Review D, 2013, 87, .	4.7	115
194	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, .	4.7	11
195	Search for fractionally charged particles in pp collisions at $\sqrt{s} = 7$ TeV. Physical Review Letters, 2013, 111, 221801.	4.7	12
196	Search for new physics in events with opposite-sign leptons, jets, and missing transverse energy in pp collisions at $\sqrt{s} = 7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 718, 815-840.	4.7	41
197	Search for contact interactions using the inclusive jet+lepton+jet final state in pp collisions at $\sqrt{s} = 7$ TeV. Physical Review Letters, 2013, 111, 221801.	7.8	43
198	Search for new physics in events with opposite-sign leptons, jets, and missing transverse energy in pp collisions at $\sqrt{s} = 7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 718, 815-840.	4.7	12

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199	Search for pair production of third-generation leptons and top squarks in $\sqrt{s} > 7 \text{ TeV}$ Collisions at $\sqrt{s} > 7 \text{ TeV}$	7.8	44
200	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
201	Search for supersymmetry in final states with a single lepton, b-quark jets, and missing transverse energy in proton-proton collisions at $\sqrt{s} = 7 \text{ TeV}$. Physical Review D, 2013, 87, .	4.7	9
202	The performance of the CMS muon detector in proton-proton collisions at $\sqrt{s} = 7 \text{ TeV}$ at the LHC. Journal of Instrumentation, 2013, 8, P11002-P11002.	1.2	119
203	Search for pair production of first- and second-generation scalar leptons and top squarks in $\sqrt{s} > 7 \text{ TeV}$ collisions at $\sqrt{s} > 7 \text{ TeV}$	4.7	32
204	Experimental study of the $\sqrt{s} > 7 \text{ TeV}$ with the Crystal Ball/TAPS detector system at the Mainz Microtron. Physical Review C, 2012, 85, .	2.1	41
205	Measurement of the Pseudorapidity and Centrality Dependence of the Transverse Energy Density in Pb-Pb Collisions at $\sqrt{s} = 2.76 \text{ TeV}$ Physical Review Letters, 2012, 109, 152303.	7.8	62
206	Azimuthal Anisotropy of Charged Particles at High Transverse Momenta in Pb-Pb Collisions at $\sqrt{s} = 2.76 \text{ TeV}$ Physical Review Letters, 2012, 109, 012301.	7.8	101
207	Search for $\sqrt{s} > 7 \text{ TeV}$ Decaying into $\sqrt{s} > 7 \text{ TeV}$	7.8	29
208	Search for New Physics in the Multijet and Missing Transverse Momentum Final State in Proton-Proton Collisions at $\sqrt{s} > 7 \text{ TeV}$ Physical Review Letters, 2012, 109, 171803.	7.8	118
209	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
210	Search for the Standard Model Higgs Boson in the Decay Channel $\sqrt{s} > 7 \text{ TeV}$ Collisions at $\sqrt{s} > 7 \text{ TeV}$	7.8	97
211	Search for $\sqrt{s} > 7 \text{ TeV}$ Collisions at $\sqrt{s} > 7 \text{ TeV}$	7.8	65
212	Measurement of the Electron Charge Asymmetry in Inclusive $\sqrt{s} > 7 \text{ TeV}$ Production in $\sqrt{s} > 7 \text{ TeV}$ Collisions at $\sqrt{s} > 7 \text{ TeV}$	7.8	95
213	Search for supersymmetry in events with b-quark jets and missing transverse energy in pp collisions at $\sqrt{s} = 7 \text{ TeV}$. Physical Review D, 2012, 86, .	4.7	18
214	Inclusive search for squarks and gluinos in $\sqrt{s} > 7 \text{ TeV}$ collisions at $\sqrt{s} > 7 \text{ TeV}$	4.7	41
215	Combined search for the quarks of a sequential fourth generation. Physical Review D, 2012, 86, .	4.7	26
216	Study of the Dijet Mass Spectrum in pp collisions at $\sqrt{s} = 7 \text{ TeV}$. Physical Review Letters, 2012, 109, 251801.	5.1	15

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217	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
218	Observation of Sequential $\mu^+\mu^-$ Suppression in PbPb Collisions. Physical Review Letters, 2012, 109, 222301.	7.8	220
219	Observation of a New Λ_b^0 Baryon. Physical Review Letters, 2012, 108, 252002.	7.8	65
220	Performance of τ, q -lepton reconstruction and identification in CMS. Journal of Instrumentation, 2012, 7, P01001-P01001.	1.2	91
221	Inclusive b-jet production in pp collisions at $\sqrt{s} = 7\text{TeV}$. Journal of High Energy Physics, 2012, 2012, 1.	4.7	39
222	Search for quark compositeness in dijet angular distributions from pp collisions at $\sqrt{s} = 7\text{TeV}$. Journal of High Energy Physics, 2012, 2012, 1.	4.7	18
223	Suppression of non-prompt J/ψ , prompt J/ψ , and $\Upsilon(1S)$ in PbPb collisions at $\sqrt{s_{NN}} = 2.76\text{TeV}$. Journal of High Energy Physics, 2012, 2012, 1.	4.7	200
224	Search for heavy bottom-like quarks in 4.9fb^{-1} of pp collisions at $\sqrt{s} = 7\text{TeV}$. Journal of High Energy Physics, 2012, 2012, 1.	4.7	45
225	Measurement of the cross section for production of $b\bar{b}$ decaying to muons in pp collisions at $\sqrt{s} = 7\text{TeV}$. Journal of High Energy Physics, 2012, 2012, 1.	4.7	6
226	Measurement of the $Z/\gamma^* \rightarrow b\bar{b}$ -jet cross section in pp collisions at $\sqrt{s} = 7\text{TeV}$. Journal of High Energy Physics, 2012, 2012, 1.	4.7	39
227	Shape, transverse size, and charged-hadron multiplicity of jets in pp collisions at $\sqrt{s}=7\text{TeV}$. Journal of High Energy Physics, 2012, 2012, 1.	4.7	31
228	Search for anomalous production of multilepton events in pp collisions at $\sqrt{s} = 7\text{TeV}$. Journal of High Energy Physics, 2012, 2012, 1.	4.7	68
229	Search for a light charged Higgs boson in top quark decays in pp collisions at $\sqrt{s} = 7\text{TeV}$. Journal of High Energy Physics, 2012, 2012, 1.	4.7	117
230	Search for leptonic decays of $W\hat{\epsilon}^2$ bosons in pp collisions at $\sqrt{s} = 7\text{TeV}$. Journal of High Energy Physics, 2012, 2012, 1.	4.7	49
231	Search for stopped long-lived particles produced in pp collisions at $\sqrt{s} = 7\text{TeV}$. Journal of High Energy Physics, 2012, 2012, 1.	4.7	17
232	Search for new physics in events with same-sign dileptons and b-tagged jets in pp collisions at $\sqrt{s} = 7\text{TeV}$. Journal of High Energy Physics, 2012, 2012, 1.	4.7	30
233	Measurement of the underlying event activity in pp collisions at $\sqrt{s} = 0.9\text{TeV}$ and 7TeV with the novel jet-area/median approach. Journal of High Energy Physics, 2012, 2012, 1.	4.7	13
234	Search for anomalous $t\bar{t}$ production in the highly-boosted all-hadronic final state. Journal of High Energy Physics, 2012, 2012, 1.	4.7	58

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236	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
237	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
238	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
239	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
240	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
241	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
242	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
243	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
244	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
245	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
246	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
247	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
248	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
249	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
250	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
251	Measurement of the rapidity and transverse momentum distributions of C^0 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
252	Measurement of the rapidity and transverse momentum distributions of C^0 bosons in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	108

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254	Search for neutral Higgs bosons decaying to tau pairs in pp collisions at $\sqrt{s} = 7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 713, 68-90.	4.1	120
255	Search for heavy long-lived charged particles in pp collisions at $\sqrt{s} = 7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 713, 68-90.	4.1	37
256	Search for W boson production in dilepton mass spectra in pp collisions at $\sqrt{s} = 7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 713, 68-90.	4.1	37
257	Study of W boson production in PbPb and pp collisions at $\sqrt{s} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 713, 68-90.	4.1	37
258	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, 713, 68-90.	4.1	83
259	Search for high-mass resonances decaying into L -lepton pairs in pp collisions at $\sqrt{s} = 7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 713, 68-90.	4.1	45
260	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.	4.1	29
261	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
262	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
263	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
264	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
265	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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272	Search for three-jet resonances in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.1	26
273	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
274	Performance of CMS muon reconstruction in pp collision events at $\sqrt{s} = 7$ TeV. Journal of Instrumentation, 2012, 7, P10002-P10002.	1.2	467
275	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
276	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
277	Photoproduction of π^0 and η -pairs off the proton from threshold to the second resonance region. European Physical Journal A, 2012, 48, 1.	2.5	34
278	J/ψ and $\psi(2S)$ production in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	81
279	Search for the standard model Higgs boson in the $H \rightarrow ZZ \rightarrow 4\ell$, $2\ell 2\gamma$ channel in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	26
280	Search for the standard model Higgs boson in the $H \rightarrow ZZ \rightarrow 4\ell$, $2\ell 2\gamma$, $2\ell 2\gamma$ decay channel in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	11
281	Search for $B \rightarrow \pi^0 \pi^+ \pi^-$ and $B \rightarrow \pi^+ \pi^- \pi^0$ decays. Journal of High Energy Physics, 2012, 2012, 1.	4.7	57
282	Search for a Higgs boson in the decay channel $H \rightarrow ZZ \rightarrow 4\ell$, $2\ell 2\gamma$, $2\ell 2\gamma$ in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	30
283	Search for microscopic black holes in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	34
284	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
285	Measurement of the mass difference between top and antitop quarks. Journal of High Energy Physics, 2012, 2012, 1.	4.7	15
286	Coherent photoproduction of η -mesons off ^3He search for η -mesic nuclei. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 709, 21-27.	4.1	52
287	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
288	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, 710, 26-48.	4.1	207

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290	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, 284-296.	4.1	148
291	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, 403-425.	4.1	17
292	Jet momentum dependence of jet quenching in PbPb collisions at $\sqrt{s} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 712, 176-197.	3.9	369
293	Study of high-p T charged particle suppression in PbPb compared to pp collisions at $\sqrt{s} = 2.76$ TeV. European Physical Journal C, 2012, 72, 1.	3.9	181
294	Centrality dependence of dihadron correlations and azimuthal anisotropy harmonics in PbPb collisions at $\sqrt{s} = 2.76$ TeV. European Physical Journal C, 2012, 72, 1.	4.7	58
295	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	56
296	Exclusive $\hat{p}_T^{\gamma\gamma}$ production in proton-proton collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	26
297	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	45
298	Measurement of the differential cross section for isolated prompt photon production in pp collisions at $\sqrt{s} = 7$ TeV. Physical Review D, 2011, 84.	4.7	65
299	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	35
300	Cross Section with $\hat{p}_T^{\gamma\gamma}$ production in proton-proton collisions at $\sqrt{s} = 7$ TeV. Physical Review D, 2011, 84.	2.9	455
301	Observation and studies of jet quenching in PbPb collisions at $\sqrt{s} = 2.76$ TeV. Physical Review C, 2011, 84.	7.8	153
302	Indications of Suppression of Excited States in Pb-Pb Collisions at $\sqrt{s} = 2.76$ TeV. Physical Review Letters, 2011, 107, 052302.	7.8	54
303	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.	1.2	102
304	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.		
305	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.		
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308	Determination of the t -transition form factor in the dilepton channel in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2011, 2011, 1.	4.1	41
309	Search for first generation scalar leptons in the dilepton channel in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2011, 2011, 1.	4.1	14
310	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	12
311	A search for excited leptons in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2011, 2011, 1.	4.1	118
312	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.	4.1	8
313	Search for physics beyond the standard model in same-sign dilepton events in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2011, 2011, 1.	4.1	28
314	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
315	Measurement of $\overline{\text{B}}\text{B}$ angular correlations based on secondary vertex reconstruction at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2011, 2011, 1.	4.7	32
316	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
317	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
318	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
319	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
320	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
321	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
322	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
323	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
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326	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
327	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
328	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
329	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
330	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
331	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
332	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
333	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
334	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
335	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
336	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
337	Measurement of energy flow at large pseudorapidities in pp collisions at $\sqrt{s} = 0.9$ and 7 TeV. Journal of High Energy Physics, 2011, 2011, 1.	4.7	25
338	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
339	Measurement of $W+Wa^+$ 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, 700, 187-206.	4.1	27
340	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, 700, 187-206.	4.1	27
341	Search for a heavy bottom-like quark in pp collisions at $\sqrt{s} = 7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 700, 187-206.	4.1	27
342	Search for a heavy bottom-like quark in pp collisions at $\sqrt{s} = 7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 700, 187-206.	4.1	30

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344	Search for Pair Production of Second-Generation Scalar Leptoquarks in Collisions at $\sqrt{s} = 7$ TeV. Physical Review Letters, 2011, 106, 201803.	7.8	17
345	Search for Supersymmetry at the LHC in Events with Jets and Missing Transverse Energy. Physical Review Letters, 2011, 107, 221804.	7.8	208
346	Study of Z Boson Production in PbPb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2011, 106, 212301.	7.8	80
347	Search for Supersymmetry in pp Collisions in Events with Two Photons and Missing Transverse Energy. Physical Review Letters, 2011, 106, 211802.	7.8	47
348	Search for Pair Production of First-Generation Scalar Leptoquarks in Collisions at $\sqrt{s} = 7$ TeV. Physical Review Letters, 2011, 106, 201802.	7.8	21
349	Measurement of the weak mixing angle with the Drell-Yan process in proton-proton collisions at the LHC. Physical Review D, 2011, 84, .	4.7	51
350	Search for New Physics with a Monojet and Missing Transverse Energy in Collisions at $\sqrt{s} = 7$ TeV. Physical Review Letters, 2011, 106, 201802.	7.8	53
351	Search for Pair Production of Second-Generation Scalar Leptoquarks in Collisions at $\sqrt{s} = 7$ TeV. Physical Review Letters, 2011, 106, 201802.	7.8	125
352	Measurement of the $B \rightarrow D^* \tau \nu$ Cross Section in Collisions at $\sqrt{s} = 7$ TeV. Physical Review Letters, 2011, 106, 201802.	7.8	61
353	Search for Three-Jet Resonances in Collisions at $\sqrt{s} = 7$ TeV. Physical Review Letters, 2011, 106, 201802.	7.8	34
354	Search for Neutral Minimal Supersymmetric Standard Model Higgs Bosons Decaying to Tau Pairs in Collisions at $\sqrt{s} = 7$ TeV. Physical Review Letters, 2011, 106, 231801.	7.8	74
355	Dilepton Azimuthal Decorrelations in Collisions at $\sqrt{s} = 7$ TeV. Physical Review Letters, 2011, 106, 231801.	7.8	60
356	Measurement of the Polarization of W Bosons with Large Transverse Momenta in Collisions at $\sqrt{s} = 7$ TeV. Physical Review Letters, 2011, 107, 221802.	7.8	46
357	Search for Pair Production of Second-Generation Scalar Leptoquarks in Collisions at $\sqrt{s} = 7$ TeV. Physical Review Letters, 2011, 106, 201802.	7.8	70
358	Determination of jet energy calibration and transverse momentum resolution in CMS. Journal of Instrumentation, 2011, 6, P11002-P11002.	1.2	508
359	Radiative τ^0 photoproduction on protons in the τ^+ (1232) region. European Physical Journal A, 2010, 43, 269-282.	2.5	34
360	First measurement of the circular beam asymmetry in the τ^+ (1232) region. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 693, 551-554.		

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362	Differential cross sections of the charge-exchange reaction $\pi^{\pm} p \rightarrow \pi^{\pm} p$ the momentum range from $103 < m < 103$ MeV. Physical Review C, 2009, 80, .	2.9	5
363	Search for the charge-conjugation-forbidden decay $\eta \rightarrow \pi^0 \pi^0$. Physical Review C, 2009, 79, .	2.9	3
364	Measurement of the slope parameter α' for the decay $\eta \rightarrow \pi^0 \pi^0$ with the Crystal Ball detector at the Mainz Microtron (MAMI-C). Physical Review C, 2009, 79, .	2.9	54
365	New Precise Measurement of the Pion Weak Form Factors in $\eta \rightarrow \pi^0 \pi^0$. Physical Review Letters. 2009. 103. 051802.	7.8	55
366	Beam-Helicity Asymmetries in Double-Pion Photoproduction off the Proton. Physical Review Letters, 2009, 103, 052002.	7.8	30
367	Determination of the Dalitz plot parameter α for the decay $\eta \rightarrow \pi^0 \pi^0$ with the Crystal Ball at MAMI-B. European Physical Journal A, 2009, 39, 169-177.	2.5	42
368	Photoproduction of π^0 on protons and the $\Delta(1700)$ resonance. European Physical Journal A, 2009, 42, 141.	2.5	52
369	Incoherent Neutral Pion Photoproduction on C . Physical Review Letters. 2008. 100. 132301.	7.8	29
370	On the instanton-induced portion of the nucleon strangeness II: the MIT model beyond the linearized approximation. European Physical Journal C, 2003, 29, 71-78.	3.9	0