

ԷՔՍՊԵՐԻՄԵՆՏԱԼ ՖԻԶԻԿԱՅԻ ԲԱԺԱՆՄՈՒՆՔԻ
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4. Search for low mass vector resonances decaying into quark-antiquark pairs in proton-proton collisions at $\sqrt{s}=13$ TeV
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7. Search for supersymmetry in proton-proton collisions at 13 TeV in final states with jets and missing transverse momentum
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Group Author(s): CMS Collaboration
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Group Author(s): CMS Collaboration
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Group Author(s): CMS Collaboration

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Group Author(s): CMS Collaboration
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By: Sirunyan, A. M.; Tumasyan, A.; Adam, W.; et al.

Group Author(s): CMS Collaboration

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Group Author(s): CMS Collaboration

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Group Author(s): CMS Collaboration

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By: Sirunyan, A. M.; Tumasyan, A.; Adam, W.; et al.

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By: Sirunyan, A. M.; Tumasyan, A.; Adam, W.; et al.

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Group Author(s): CMS Collaboration

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Group Author(s): CMS Collaboration
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Group Author(s): CMS Collaboration
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By: Sirunyan, A. M.; Tumasyan, A.; Adam, W.; et al.

Group Author(s): CMS Collaboration

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By: Sirunyan, A. M.; Tumasyan, A.; Adam, W.; et al.

Group Author(s): CMS Collaboration

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91. Search for top quark partners with charge 5/3 in the same-sign dilepton and single-lepton final states in proton-proton collisions at $\sqrt{s} = 13$ TeV

By: Sirunyan, A. M.; Tumasyan, A.; Adam, W.; et al.

Group Author(s): CMS Collaboration

JOURNAL OF HIGH ENERGY PHYSICS Issue: 1904 Article Number: 31

92. Measurement of B_s^0 meson production in pp and PbPb collisions at $\sqrt{s_{NN}} = 5.02$ TeV

By: Sirunyan, A. M.; Tumasyan, A.; Adam, W.; et al.

Group Author(s): CMS Collaboration

PHYSICS LETTERS B Volume: 796 Article Number: 168-190

93. Observation of prompt J/ψ meson elliptic flow in high-multiplicity pPb collisions at $\sqrt{s_{NN}} = 8.16$ TeV

By: Sirunyan, A. M.; Tumasyan, A.; Adam, W.; et al.

Group Author(s): CMS Collaboration

PHYSICS LETTERS B Volume: 791 Article Number: 172-194

94. Search for new physics in final states with a single photon and missing transverse momentum in proton-proton collisions at $\sqrt{s} = 13$ TeV

By: Sirunyan, A. M.; Tumasyan, A.; Adam, W.; et al.

Group Author(s): CMS Collaboration

JOURNAL OF HIGH ENERGY PHYSICS Issue: 1902 Article Number: 74

95. Measurement of exclusive $\Upsilon\Upsilon$ photoproduction from protons in pPb collisions at $\sqrt{s_{NN}} = 5.02$ TeV

By: Sirunyan, A. M.; Tumasyan, A.; Adam, W.; et al.

Group Author(s): CMS Collaboration

EUROPEAN PHYSICAL JOURNAL C Volume: 79 Issue: 3 Article Number: 277

96. Combined measurements of Higgs boson couplings in proton-proton collisions at $\sqrt{s} = 13$ TeV
By: Sirunyan, A. M.; Tumasyan, A.; Adam, W.; et al.
Group Author(s): CMS Collaboration
EUROPEAN PHYSICAL JOURNAL C Volume: 79 Issue: 5 Article Number: 421
97. Search for single production of vector-like quarks decaying to a top quark and a W boson in proton-proton collisions at $\sqrt{s} = 13$ TeV
By: Sirunyan, A. M.; Tumasyan, A.; Adam, W.; et al.
Group Author(s): CMS Collaboration
EUROPEAN PHYSICAL JOURNAL C Volume: 79 Article Number: 90
98. Jet shapes of isolated photon-tagged jets in PbPb and pp collisions at $\sqrt{s_{NN}} = 5.02$ TeV
By: Sirunyan, A. M.; Tumasyan, A.; Adam, W.; et al.
Group Author(s): CMS Collaboration
PHYSICAL REVIEW LETTERS Volume: 122 Issue: 15 Article Number: 152001
99. Search for invisible decays of a Higgs boson produced through vector boson fusion in proton-proton collisions at $\sqrt{s} = 13$ TeV
By: Sirunyan, A. M.; Tumasyan, A.; Adam, W.; et al.
Group Author(s): CMS Collaboration
PHYSICS LETTERS B Volume: 793 Article Number: 520-551
100. Search for the associated production of the Higgs boson and a vector boson in proton-proton collisions at $\sqrt{s} = 13$ TeV via Higgs boson decays to τ leptons
By: Sirunyan, A. M.; Tumasyan, A.; Adam, W.; et al.
Group Author(s): CMS Collaboration
JOURNAL OF HIGH ENERGY PHYSICS Issue: 1906 Article Number: 93
101. Search for pair production of second-generation leptoquarks at $\sqrt{s} = 13$ TeV
By: Sirunyan, A. M.; Tumasyan, A.; Adam, W.; et al.
Group Author(s): CMS Collaboration
PHYSICAL REVIEW D Volume: 99 Issue: 3 Article Number: 032014
102. Search for an $L_{\mu}-L_{\tau}$ gauge boson using $Z \rightarrow 4\mu$ events in proton-proton collisions $\sqrt{s} = 13$ TeV
By: Sirunyan, A. M.; Tumasyan, A.; Adam, W.; et al.
Group Author(s): CMS Collaboration
PHYSICS LETTERS B Volume: 792 Article Number: 345-368
103. Search for production of Higgs boson pairs in the four b quark final state using large-area jets in proton-proton collisions at $\sqrt{s} = 13$ TeV
By: Sirunyan, A. M.; Tumasyan, A.; Adam, W.; et al.
Group Author(s): CMS Collaboration

JOURNAL OF HIGH ENERGY PHYSICS Issue: 1901 Article Number: 40

104. Search for heavy resonances decaying into two Higgs bosons or into a Higgs boson and a W or Z boson in proton-proton collisions at 13 TeV

By: Sirunyan, A. M.; Tumasyan, A.; Adam, W.; et al.

Group Author(s): CMS Collaboration

JOURNAL OF HIGH ENERGY PHYSICS Issue: 1901 Article Number: 51

105. Search for narrow H_γ resonances in proton-proton collisions at $\sqrt{s} = 13$ TeV

By: Sirunyan, A. M.; Tumasyan, A.; Adam, W.; et al.

Group Author(s): CMS Collaboration

PHYSICAL REVIEW LETTERS Volume: 122 Issue: 8 Article Number: 081804

106. Search for a W' boson decaying to a $\tau\tau$ lepton and a neutrino in proton-proton collisions at $\sqrt{s} = 13$ TeV

By: Sirunyan, A. M.; Tumasyan, A.; Adam, W.; et al.

Group Author(s): CMS Collaboration

PHYSICS LETTERS B Volume: 792 Article Number: 107-131

107. Search for dark matter particles produced in association with a top quark pair at $\sqrt{s} = 13$ TeV

By: Sirunyan, A. M.; Tumasyan, A.; Adam, W.; et al.

Group Author(s): CMS Collaboration

PHYSICAL REVIEW LETTERS Volume: 122 Issue: 1 Article Number: 011803

108. Search for the Higgs boson decaying to two muons in proton-proton collisions at $\sqrt{s} = 13$ TeV

By: Sirunyan, A. M.; Tumasyan, A.; Adam, W.; et al.

Group Author(s): CMS Collaboration

PHYSICAL REVIEW LETTERS Volume: 122 Issue: 2 Article Number: 021801

109. Measurement of inclusive and differential Higgs boson production cross sections in the diphoton decay channel in proton-proton collisions at $\sqrt{s} = 13$ TeV

By: Sirunyan, A. M.; Tumasyan, A.; Adam, W.; et al.

Group Author(s): CMS Collaboration

JOURNAL OF HIGH ENERGY PHYSICS Issue: 1901 Article Number: 183

110. Study of the underlying event in top quark pair production in pp collisions at 13 TeV

By: Sirunyan, A. M.; Tumasyan, A.; Adam, W.; et al.

Group Author(s): CMS Collaboration

EUROPEAN PHYSICAL JOURNAL C Volume: 79 issue: 2 Article Number: 123

111. Measurement of differential cross sections for inclusive isolated-photon and photon+ n jets production in proton-proton collisions at $\sqrt{s} = 13$ TeV

By: Sirunyan, A. M.; Tumasyan, A.; Adam, W.; et al.
Group Author(s): CMS Collaboration
EUROPEAN PHYSICAL JOURNAL C Volume: 79 issue: 1 Article Number: 20

112. Measurement of differential cross sections for Z boson pair production in association with jets at $\sqrt{s} = 8$ and 13 TeV

By: Sirunyan, A. M.; Tumasyan, A.; Adam, W.; et al.
Group Author(s): CMS Collaboration
PHYSICS LETTERS B Volume: 789 Article Number: 19-44

113. Search for heavy Majorana neutrinos in same-sign dilepton channels in proton-proton collisions at $\sqrt{s} = 13$ TeV

By: Sirunyan, A. M.; Tumasyan, A.; Adam, W.; et al.
Group Author(s): CMS Collaboration
JOURNAL OF HIGH ENERGY PHYSICS Issue: 1901 Article Number: 122

114. Search for supersymmetric partners of electrons and muons in proton-proton collisions at $\sqrt{s} = 13$ TeV

By: Sirunyan, A. M.; Tumasyan, A.; Adam, W.; et al.
Group Author(s): CMS Collaboration
PHYSICS LETTERS B Volume: 790 Article Number: 140-166

115. Measurements of properties of the Higgs boson decaying to a W boson pair in pp collisions at $\sqrt{s} = 13$ TeV

By: Sirunyan, A. M.; Tumasyan, A.; Adam, W.; et al.
Group Author(s): CMS Collaboration
PHYSICS LETTERS B Volume: 791 Article Number: 96

116. Search for Higgs boson pair production in the $\gamma\gamma b\bar{b}$ final state in pp collisions at $\sqrt{s} = 13$ TeV

By: Sirunyan, A. M.; Tumasyan, A.; Adam, W.; et al.
Group Author(s): CMS Collaboration
PHYSICS LETTERS B Volume: 788 Article Number: 7-36

117. Measurement of nuclear modification factors of $\Upsilon(1S)$, $\Upsilon(2S)$, and $\Upsilon(3S)$ mesons in PbPb collisions at $\sqrt{s_{NN}} = 5.02$ TeV

By: Sirunyan, A. M.; Tumasyan, A.; Adam, W.; et al.
Group Author(s): CMS Collaboration
PHYSICS LETTERS B Volume: 790 Article Number: 270-293

118. Measurement of prompt $\psi(2S)\psi(2S)$ production cross sections in proton-lead and proton-proton collisions at $\sqrt{s_{NN}} = 5.02$ TeV

By: Sirunyan, A. M.; Tumasyan, A.; Adam, W.; et al.
Group Author(s): CMS Collaboration
PHYSICS LETTERS B Volume: 790 Article Number: 509-532

119. Search for $t\bar{t}H$ production in the $H\rightarrow b\bar{b}$ decay channel with leptonic $t\bar{t}$ decays in proton-proton collisions at $\sqrt{s} = 13$ TeV
By: Sirunyan, A. M.; Tumasyan, A.; Adam, W.; et al.
Group Author(s): CMS Collaboration
JOURNAL OF HIGH ENERGY PHYSICS Issue: 1903 Article Number: 26
120. Search for a new scalar resonance decaying to a pair of Z bosons in proton-proton collisions at $\sqrt{s} = 13$ TeV
By: Sirunyan, A. M.; Tumasyan, A.; Adam, W.; et al.
Group Author(s): CMS Collaboration
JOURNAL OF HIGH ENERGY PHYSICS Issue: 1806 Article Number: 127
Erratum: JHEP 1903 (2018) 127
121. Non-Gaussian elliptic-flow fluctuations in PbPb collisions at $\sqrt{s_{NN}} = 5.02$ TeV
By: Sirunyan, A. M.; Tumasyan, A.; Adam, W.; et al.
Group Author(s): CMS Collaboration
PHYSICS LETTERS B Volume: 789 Article Number: 643-665
122. Probing the chiral magnetic wave in pPb and PbPb collisions at $\sqrt{s_{NN}} = 5.02$ TeV using charge-dependent azimuthal anisotropies
By: Sirunyan, A. M.; Tumasyan, A.; Adam, W.; et al.
Group Author(s): CMS Collaboration
PHYSICAL REVIEW D Volume: 100 Issue: 6 Article Number: 064908
123. Dose rate effects in the radiation damage of the plastic scintillators of the CMS Hadron Endcap Calorimeter
By: Sirunyan, A. M.; Tumasyan, A.; Adam, W.; et al.
Group Author(s): CMS Collaboration
JOURNAL OF INSTRUMENTATION_ Volume: 11 Issue: 10 Article Number: T10004
Erratum: JINST 14 (2019) no.08, E08001
124. Measurements of top-quark pair differential and double-differential cross-sections in the $\ell\bar{\ell}+\text{jets}$ channel with pppp collisions at $\sqrt{s} = 13$ TeV using the ATLAS detector
By: Aad, G.; Abbott, B.; Abbott, D. C.; et al.
Group Author(s): ATLAS Collaboration
EUROPEAN PHYSICAL JOURNAL C Volume: 79 issue: 12 Article Number: 1028
125. Measurement of angular and momentum distributions of charged particles within and around jets in Pb+Pb and pp collisions at $\sqrt{s_{NN}} = 5.02$ TeV with the ATLAS detector
By: Aad, G.; Abbott, B.; Abbott, D. C.; et al.
Group Author(s): ATLAS Collaboration
PHYSICAL REVIEW C Volume: 100 Issue: 6 Article Number: 064901
126. Search for bottom-squark pair production with the ATLAS detector in final states containing Higgs bosons, $b\bar{b}$ -jets and missing transverse momentum

By: Aad, G.; Abbott, B.; Abbott, D. C.; et al.

Group Author(s): ATLAS Collaboration

JOURNAL OF HIGH ENERGY PHYSICS Issue: 1912 Article Number: 60

127. Measurement of the inclusive isolated-photon cross section in pppp collisions at $\sqrt{s} = 13$ TeV using 36 fb^{-1} of ATLAS data

By: Aad, G.; Abbott, B.; Abbott, D. C.; et al.

Group Author(s): ATLAS Collaboration

JOURNAL OF HIGH ENERGY PHYSICS Issue: 1910 Article Number: 203

128. Electron and photon performance measurements with the ATLAS detector using the 2015-2017 LHC proton-proton collision data

By: Aad, G.; Abbott, B.; Abbott, D. C.; et al.

Group Author(s): ATLAS Collaboration

JOURNAL OF INSTRUMENTATION_ Volume: 14 Issue: 12 Article Number: P12006

129. Measurement of K_S^0 and Λ^0 production in $t\bar{t}$ dileptonic events in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector

By: Aad, G.; Abbott, B.; Abbott, D. C.; et al.

Group Author(s): ATLAS Collaboration

EUROPEAN PHYSICAL JOURNAL C Volume: 79 issue: 12 Article Number: 1017

130. Measurement of W^\pm boson production in Pb+Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV with the ATLAS detector

By: Aad, G.; Abbott, B.; Abbott, D. C.; et al.

Group Author(s): ATLAS Collaboration

EUROPEAN PHYSICAL JOURNAL C Volume: 79 issue: 11 Article Number: 935

131. Measurement of the inclusive cross-section for the production of jets in association with a ZZ boson in proton-proton collisions at 8 TeV using the ATLAS detector

By: Aad, G.; Abbott, B.; Abbott, D. C.; et al.

Group Author(s): ATLAS Collaboration

EUROPEAN PHYSICAL JOURNAL C Volume: 79 issue: 10 Article Number: 847

132. Measurement of flow harmonics correlations with mean transverse momentum in lead-lead and proton-lead collisions at $\sqrt{s_{NN}} = 5.02$ TeV with the ATLAS detector

By: Aad, G.; Abbott, B.; Abbott, D. C.; et al.

Group Author(s): ATLAS Collaboration

EUROPEAN PHYSICAL JOURNAL C Volume: 79 issue: 12 Article Number: 985

133. ATLAS bb-jet identification performance and efficiency measurement with $t\bar{t}$ events in pp collisions at $\sqrt{s} = 13$ TeV

By: Aad, G.; Abbott, B.; Abbott, D. C.; et al.

Group Author(s): ATLAS Collaboration

EUROPEAN PHYSICAL JOURNAL C Volume: 79 issue: 11 Article Number: 970

134. Measurement of W^\pm -boson and ZZ-boson production cross-sections in pp collisions at $\sqrt{s} = 2.76$ TeV with the ATLAS detector
By: Aad, G.; Abbott, B.; Abbott, D. C.; et al.
Group Author(s): ATLAS Collaboration
EUROPEAN PHYSICAL JOURNAL C Volume: 79 issue: 11 Article Number: 901
135. Resolution of the ATLAS muon spectrometer monitored drift tubes in LHC Run 2
By: Aad, G.; Abbott, B.; Abbott, D. C.; et al.
Group Author(s): ATLAS Collaboration
JOURNAL OF INSTRUMENTATION_ Volume: 14 Issue: 9 Article Number: P09011
136. Identification of boosted Higgs bosons decaying into b-quark pairs with the ATLAS detector at 13 TeV
By: Aad, G.; Abbott, B.; Abbott, D. C.; et al.
Group Author(s): ATLAS Collaboration
EUROPEAN PHYSICAL JOURNAL C Volume: 79 issue: 10 Article Number: 836
137. Properties of jet fragmentation using charged particles measured with the ATLAS detector in pp collisions at $\sqrt{s} = 13$ TeV
By: Aad, G.; Abbott, B.; Abbott, D. C.; et al.
Group Author(s): ATLAS Collaboration
PHYSICAL REVIEW D Volume: 100 Issue: 5 Article Number: 052011
138. Search for diboson resonances in hadronic final states in 139 fb^{-1} of pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector
By: Aad, G.; Abbott, B.; Abbott, D. C.; et al.
Group Author(s): ATLAS Collaboration
JOURNAL OF HIGH ENERGY PHYSICS Issue: 1909 Article Number: 91
139. Search for a heavy charged boson in events with a charged lepton and missing transverse momentum from pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector
By: Aad, G.; Abbott, B.; Abbott, D. C.; et al.
Group Author(s): ATLAS Collaboration
PHYSICAL REVIEW D Volume: 100 Issue: 5 Article Number: 052013
140. Search for excited electrons singly produced in proton-proton collisions at $\sqrt{s} = 13$ TeV with the ATLAS experiment at the LHC
By: Aaboud, M.; Aad, G.; Abbott, B.; et al.
Group Author(s): ATLAS Collaboration
EUROPEAN PHYSICAL JOURNAL C Volume: 79 issue: 9 Article Number: 803
142. Observation of electroweak production of a same-sign W boson pair in association with two jets in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector
By: Aaboud, M.; Aad, G.; Abbott, B.; et al.

Group Author(s): ATLAS Collaboration

PHYSICAL REVIEW LETTERS Volume: 123 Issue: 16 Article Number: 161801

143. Measurement of distributions sensitive to the underlying event in inclusive Z-boson production in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector

By: Aad, G.; Abbott, B.; Abbott, D. C.; et al.

Group Author(s): ATLAS Collaboration

EUROPEAN PHYSICAL JOURNAL C Volume: 79 issue: 8 Article Number: 666

144. Search for heavy neutral leptons in decays of W bosons produced in 13 TeV pp collisions using prompt and displaced signatures with the ATLAS detector

By: Aad, G.; Abbott, B.; Abbott, D. C.; et al.

Group Author(s): ATLAS Collaboration

JOURNAL OF HIGH ENERGY PHYSICS Issue: 1910 Article Number: 265

145. Search for the electroweak diboson production in association with a high-mass dijet system in semileptonic final states in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector

By: Aad, G.; Abbott, B.; Abbott, D. C.; et al.

Group Author(s): ATLAS Collaboration

PHYSICAL REVIEW D Volume: 100 Issue: 3 Article Number: 032007

146. Measurement of ZZ production in the $\ell\ell\nu\nu$ final state with the ATLAS detector in pp collisions at $\sqrt{s} = 13$ TeV

By: Aaboud, M.; Aad, G.; Abbott, B.; et al.

Group Author(s): ATLAS Collaboration

JOURNAL OF HIGH ENERGY PHYSICS Issue: 1910 Article Number: 127

147. Measurement of fiducial and differential W^+W^- production cross-sections at $\sqrt{s} = 13$ TeV with the ATLAS detector

By: Aaboud, M.; Aad, G.; Abbott, B.; et al.

Group Author(s): ATLAS Collaboration

EUROPEAN PHYSICAL JOURNAL C Volume: 79 issue: 10 Article Number: 884

148. Modelling radiation damage to pixel sensors in the ATLAS detector

By: Aaboud, M.; Aad, G.; Abbott, B.; et al.

Group Author(s): ATLAS Collaboration

JOURNAL OF INSTRUMENTATION_ Volume: 14 Issue: 6 Article Number: P06012

149. Measurement of the top-quark mass in $t\bar{t} + 1$ -jet events collected with the ATLAS detector in pp collisions at $\sqrt{s} = 8$ TeV

By: Aad, G.; Abbott, B.; Abbott, D. C.; et al.

Group Author(s): ATLAS Collaboration

JOURNAL OF HIGH ENERGY PHYSICS Issue: 1911 Article Number: 150

150. Search for a right-handed gauge boson decaying into a high-momentum heavy neutrino and a charged lepton in pp collisions with the ATLAS detector at $\sqrt{s} = 13$ TeV
By: Aaboud, M.; Aad, G.; Abbott, B.; et al.
Group Author(s): ATLAS Collaboration
PHYSICS LETTERS B Volume: 798 Article Number: 134942
151. Measurement of the cross-section and charge asymmetry of W bosons produced in proton-proton collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector
By: Aad, G.; Abbott, B.; Abbott, D. C.; et al.
Group Author(s): ATLAS Collaboration
EUROPEAN PHYSICAL JOURNAL C Volume: 79 issue: 9 Article Number: 760
152. Combination of searches for invisible Higgs boson decays with the ATLAS experiment
By: Aaboud, M.; Aad, G.; Abbott, B.; et al.
Group Author(s): ATLAS Collaboration
PHYSICAL REVIEW LETTERS Volume: 122 Issue: 23 Article Number: 231801
153. Observation of light-by-light scattering in ultraperipheral Pb+Pb collisions with the ATLAS detector
By: Aad, G.; Abbott, B.; Abbott, D. C.; et al.
Group Author(s): ATLAS Collaboration
PHYSICAL REVIEW LETTERS Volume: 123 Issue: 5 Article Number: 052001
154. Evidence for the production of three massive vector bosons with the ATLAS detector
By: Aad, G.; Abbott, B.; Abbott, D. C.; et al.
Group Author(s): ATLAS Collaboration
PHYSICS LETTERS B Volume: 798 Article Number: 134913
155. Measurement of the production cross section for a Higgs boson in association with a vector boson in the $H \rightarrow WW^* \rightarrow \ell\nu\ell\nu$ channel in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector
By: Aad, G.; Abbott, B.; Abbott, D. C.; et al.
Group Author(s): ATLAS Collaboration
PHYSICS LETTERS B Volume: 798 Article Number: 134949
156. Search for high-mass dilepton resonances using 139 fb^{-1} of pp collision data collected at $\sqrt{s} = 13$ TeV with the ATLAS detector
By: Aad, G.; Abbott, B.; Abbott, D. C.; et al.
Group Author(s): ATLAS Collaboration
PHYSICS LETTERS B Volume: 796 Article Number: 68-87

157. Measurement of VHVH, $H \rightarrow bb^-$ production as a function of the vector-boson transverse momentum in 13 TeV pp collisions with the ATLAS detector
By: Aaboud, M.; Aad, G.; Abbott, B.; et al.
Group Author(s): ATLAS Collaboration
JOURNAL OF HIGH ENERGY PHYSICS Issue: 1905 Article Number: 141
158. Measurement of jet-substructure observables in top quark, W boson and light jet production in proton-proton collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector
By: Aaboud, M.; Aad, G.; Abbott, B.; et al.
Group Author(s): ATLAS Collaboration
JOURNAL OF HIGH ENERGY PHYSICS Issue: 1908 Article Number: 33
159. Measurement of prompt photon production in $\sqrt{s_{NN}} = 8.16$ TeV pp+Pb collisions with ATLAS
By: Aaboud, M.; Aad, G.; Abbott, B.; et al.
Group Author(s): ATLAS Collaboration
PHYSICS LETTERS B Volume: 796 Article Number: 230-252
160. Constraints on mediator-based dark matter and scalar dark energy models using $\sqrt{s} = 13$ TeV pp collision data collected by the ATLAS detector
By: Aaboud, M.; Aad, G.; Abbott, B.; et al.
Group Author(s): ATLAS Collaboration
JOURNAL OF HIGH ENERGY PHYSICS Issue: 1905 Article Number: 142.
161. Search for heavy particles decaying into a top-quark pair in the fully hadronic final state in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector
By: Aaboud, M.; Aad, G.; Abbott, B.; et al.
Group Author(s): ATLAS Collaboration
PHYSICAL REVIEW D Volume: 99 Issue: 9 Article Number: 092004
162. Comparison of fragmentation functions for light-quark- and gluon-dominated jets from pp and Pb+Pb collisions in ATLAS
By: Aaboud, M.; Aad, G.; Abbott, B.; et al.
Group Author(s): ATLAS Collaboration
PHYSICAL REVIEW LETTERS Volume: 123 Issue: 4 Article Number: 042001
163. Searches for third-generation scalar leptoquarks in $\sqrt{s} = 13$ TeV pp collisions with the ATLAS detector
By: Aaboud, M.; Aad, G.; Abbott, B.; et al.
Group Author(s): ATLAS Collaboration
JOURNAL OF HIGH ENERGY PHYSICS Issue: 1906 Article Number: 144
164. Measurement of the four-lepton invariant mass spectrum in 13 TeV proton-proton collisions with the ATLAS detector
By: Aaboud, M.; Aad, G.; Abbott, B.; et al.

Group Author(s): ATLAS Collaboration
JOURNAL OF HIGH ENERGY PHYSICS Issue: 1905 Article Number: 88

165. Measurement of $W^\pm Z$ production cross sections and gauge boson polarisation in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector

By: Aaboud, M.; Aad, G.; Abbott, B.; et al.

Group Author(s): ATLAS Collaboration
EUROPEAN PHYSICAL JOURNAL C Volume: 79 issue: 6 Article Number: 535

166. Electron reconstruction and identification in the ATLAS experiment using the 2015 and 2016 LHC proton-proton collision data at $\sqrt{s} = 13$ TeV

By: Aaboud, M.; Aad, G.; Abbott, B.; et al.

Group Author(s): ATLAS Collaboration
EUROPEAN PHYSICAL JOURNAL C Volume: 79 issue: 8 Article Number: 639

167. Search for long-lived neutral particles in pp collisions at $\sqrt{s} = 13$ TeV that decay into displaced hadronic jets in the ATLAS calorimeter

By: Aaboud, M.; Aad, G.; Abbott, B.; et al.

Group Author(s): ATLAS Collaboration
EUROPEAN PHYSICAL JOURNAL C Volume: 79 issue: 6 Article Number: 481

168. Search for heavy charged long-lived particles in the ATLAS detector in 36.1 fb^{-1} of proton-proton collision data at $\sqrt{s} = 13$ TeV

By: Aaboud, M.; Aad, G.; Abbott, B.; et al.

Group Author(s): ATLAS Collaboration
PHYSICAL REVIEW D Volume: 99 Issue: 9 Article Number: 092007

169. Searches for scalar leptoquarks and differential cross-section measurements in dilepton-dijet events in proton-proton collisions at a centre-of-mass energy of $\sqrt{s} = 13$ TeV with the ATLAS experiment

By: Aaboud, M.; Aad, G.; Abbott, B.; et al.

Group Author(s): ATLAS Collaboration
EUROPEAN PHYSICAL JOURNAL C Volume: 79 issue: 9 Article Number: 733

170. Search for low-mass resonances decaying into two jets and produced in association with a photon using pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector

By: Aaboud, M.; Aad, G.; Abbott, B.; et al.

Group Author(s): ATLAS Collaboration
PHYSICS LETTERS B Volume: 795 Article Number: 56-75

171. Dijet azimuthal correlations and conditional yields in pp and pp+Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV with the ATLAS detector

By: Aaboud, M.; Aad, G.; Abbott, B.; et al.

Group Author(s): ATLAS Collaboration
PHYSICAL REVIEW C Volume: 100 Issue: 3 Article Number: 034903

172. Measurement of the ratio of cross sections for inclusive isolated-photon production in pp collisions at $\sqrt{s} = 13$ and 8 TeV with the ATLAS detector

By: Aaboud, M.; Aad, G.; Abbott, B.; et al.

Group Author(s): ATLAS Collaboration

JOURNAL OF HIGH ENERGY PHYSICS Issue: 1904 Article Number: 93

173. Search for scalar resonances decaying into $\mu^+\mu^-$ in events with and without b-tagged jets produced in proton-proton collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector

By: Aaboud, M.; Aad, G.; Abbott, B.; et al.

Group Author(s): ATLAS Collaboration

JOURNAL OF HIGH ENERGY PHYSICS Issue: 1907 Article Number: 117

174. Measurement of the $t\bar{t}Z$ and $t\bar{t}W$ cross sections in proton-proton collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector

By: Aaboud, M.; Aad, G.; Abbott, B.; et al.

Group Author(s): ATLAS Collaboration

PHYSICAL REVIEW D Volume: 99 Issue: 7 Article Number: 072009

175. Search for top-quark decays $t \rightarrow Hq$ with 36 fb^{-1} of pppp collision data at $\sqrt{s} = 13$ TeV with the ATLAS detector

By: Aaboud, M.; Aad, G.; Abbott, B.; et al.

Group Author(s): ATLAS Collaboration

JOURNAL OF HIGH ENERGY PHYSICS Issue: 1905 Article Number: 123

176. Search for large missing transverse momentum in association with one top-quark in proton-proton collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector

By: Aaboud, M.; Aad, G.; Abbott, B.; et al.

Group Author(s): ATLAS Collaboration

JOURNAL OF HIGH ENERGY PHYSICS Issue: 1905 Article Number: 41

177. Observation of electroweak $W^\pm Z$ boson pair production in association with two jets in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector

By: Aaboud, M.; Aad, G.; Abbott, B.; et al.

Group Author(s): ATLAS Collaboration

PHYSICS LETTERS B Volume: 793 Article Number: 462-492

178. Search for chargino and neutralino production in final states with a Higgs boson and missing transverse momentum at $\sqrt{s} = 13$ TeV with the ATLAS detector

By: Aaboud, M.; Aad, G.; Abbott, B.; et al.

Group Author(s): ATLAS Collaboration

PHYSICAL REVIEW D Volume: 100 Issue: 1 Article Number: 012006

179. Properties of $g \rightarrow b\bar{b}$ at small opening angles in pp collisions with the ATLAS detector at $\sqrt{s} = 13$ TeV

By: Aaboud, M.; Aad, G.; Abbott, B.; et al.

Group Author(s): ATLAS Collaboration

PHYSICAL REVIEW D Volume: 99 Issue: 5 Article Number: 052004

180. Search for single production of vector-like quarks decaying into Wb in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector

By: Aaboud, M.; Aad, G.; Abbott, B.; et al.

Group Author(s): ATLAS Collaboration

JOURNAL OF HIGH ENERGY PHYSICS Issue: 1905 Article Number: 164

181. Electron and photon energy calibration with the ATLAS detector using 2015-2016 LHC proton-proton collision data

By: Aaboud, M.; Aad, G.; Abbott, B.; et al.

Group Author(s): ATLAS Collaboration

JOURNAL OF INSTRUMENTATION_ Volume: 14 Issue: 3 Article Number: P03017

182. Search for heavy long-lived multi-charged particles in proton-proton collisions at $\sqrt{s} = 13$ TeV using the ATLAS detector

By: Aaboud, M.; Aad, G.; Abbott, B.; et al.

Group Author(s): ATLAS Collaboration

PHYSICAL REVIEW D Volume: 99 Issue: 5 Article Number: 052003

183. Study of the rare decays of B_s^0 and B^0 mesons into muon pairs using data collected during 2015 and 2016 with the ATLAS detector

By: Aaboud, M.; Aad, G.; Abbott, B.; et al.

Group Author(s): ATLAS Collaboration

JOURNAL OF HIGH ENERGY PHYSICS Issue: 1904 Article Number: 98

184. Measurements of inclusive and differential fiducial cross-sections of $t\bar{t}\gamma$ production in leptonic final states at $\sqrt{s} = 13$ TeV in ATLAS

By: Aaboud, M.; Aad, G.; Abbott, B.; et al.

Group Author(s): ATLAS Collaboration

EUROPEAN PHYSICAL JOURNAL C Volume: 79 issue: 5 Article Number: 382

185. Measurements of fiducial and differential cross-sections of $t\bar{t}$ production with additional heavy-flavour jets in proton-proton collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector

By: Aaboud, M.; Aad, G.; Abbott, B.; et al.

Group Author(s): ATLAS Collaboration

JOURNAL OF HIGH ENERGY PHYSICS Issue: 1904 Article Number: 46

186. Search for Higgs boson pair production in the $WW^{(*)}WW^{(*)}$ decay channel using ATLAS data recorded at $\sqrt{s} = 13$ TeV

By: Aaboud, M.; Aad, G.; Abbott, B.; et al.

Group Author(s): ATLAS Collaboration

187. Study of the hard double-parton scattering contribution to inclusive four-lepton production in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector

By: Aaboud, M.; Aad, G.; Abbott, B.; et al.

Group Author(s): ATLAS Collaboration

PHYSICS LETTERS B Volume: 790 Article Number: 595-614

188. Cross-section measurements of the Higgs boson decaying into a pair of τ -leptons in proton-proton collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector

By: Aaboud, M.; Aad, G.; Abbott, B.; et al.

Group Author(s): ATLAS Collaboration

PHYSICAL REVIEW D Volume: 99 Article Number: 072001

189. Search for long-lived particles produced in pp collisions at $\sqrt{s} = 13$ TeV that decay into displaced hadronic jets in the ATLAS muon spectrometer

By: Aaboud, M.; Aad, G.; Abbott, B.; et al.

Group Author(s): ATLAS Collaboration

PHYSICAL REVIEW D Volume: 99 Issue: 5 Article Number: 052005

190. Search for Higgs boson pair production in the $bb\bar{W}W^*$ decay mode at $\sqrt{s} = 13$ TeV with the ATLAS detector

By: Aaboud, M.; Aad, G.; Abbott, B.; et al.

Group Author(s): ATLAS Collaboration

JOURNAL OF HIGH ENERGY PHYSICS Issue: 1904 Article Number: 92

191. Search for four-top-quark production in the single-lepton and opposite-sign dilepton final states in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector

By: Aaboud, M.; Aad, G.; Abbott, B.; et al.

Group Author(s): ATLAS Collaboration

PHYSICAL REVIEW D Volume: 99 Issue: 5 Article Number: 052009

192. Search for the production of a long-lived neutral particle decaying within the ATLAS hadronic calorimeter in association with a ZZ boson from pp collisions at $\sqrt{s} = 13$ TeV

By: Aaboud, M.; Aad, G.; Abbott, B.; et al.

Group Author(s): ATLAS Collaboration

PHYSICAL REVIEW LETTERS Volume: 122 Issue: 15 Article Number: 151801

193. Measurements of W and Z boson production in pp collisions at $\sqrt{s} = 5.02$ TeV with the ATLAS detector

By: Aaboud, M.; Aad, G.; Abbott, B.; et al.

Group Author(s): ATLAS Collaboration

EUROPEAN PHYSICAL JOURNAL C Volume: 79 issue: 2 Article Number: 128

Erratum: Eur.Phys.J. C79 (2019) no.5, 374

194. Measurement of the photon identification efficiencies with the ATLAS detector using LHC Run 2 data collected in 2015 and 2016
By: Aaboud, M.; Aad, G.; Abbott, B.; et al.
Group Author(s): ATLAS Collaboration
EUROPEAN PHYSICAL JOURNAL C Volume: 79 issue: 3 Article Number: 205
195. Measurement of the top quark mass in the $t\bar{t} \rightarrow \text{lepton} + \text{jets}$ channel from $\sqrt{s} = 8$ TeV ATLAS data and combination with previous results
By: Aaboud, M.; Aad, G.; Abbott, B.; et al.
Group Author(s): ATLAS Collaboration
EUROPEAN PHYSICAL JOURNAL C Volume: 79 issue: 4 Article Number: 290
196. Search for heavy Majorana or Dirac neutrinos and right-handed W gauge bosons in final states with two charged leptons and two jets at $\sqrt{s} = 13$ TeV with the ATLAS detector
By: Aaboud, M.; Aad, G.; Abbott, B.; et al.
Group Author(s): ATLAS Collaboration
JOURNAL OF HIGH ENERGY PHYSICS Issue: 1901 Article Number: 16
197. Measurement of photon-jet transverse momentum correlations in 5.02 TeV Pb+Pb and pp collisions with ATLAS
By: Aaboud, M.; Aad, G.; Abbott, B.; et al.
Group Author(s): ATLAS Collaboration
PHYSICS LETTERS B Volume: 789 Article Number: 167-190
198. Search for invisible Higgs boson decays in vector boson fusion at $\sqrt{s} = 13$ TeV with the ATLAS detector
By: Aaboud, M.; Aad, G.; Abbott, B.; et al.
Group Author(s): ATLAS Collaboration
PHYSICS LETTERS B Volume: 793 Article Number: 499-519
199. A search for pairs of highly collimated photon-jets in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector
By: Aaboud, M.; Aad, G.; Abbott, B.; et al.
Group Author(s): ATLAS Collaboration
PHYSICAL REVIEW D Volume: 99 Issue: 1 Article Number: 012008
200. Measurements of gluon-gluon fusion and vector-boson fusion Higgs boson production cross-sections in the $H \rightarrow WW^* \rightarrow e\nu\mu\nu$ decay channel in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector
By: Aaboud, M.; Aad, G.; Abbott, B.; et al.
Group Author(s): ATLAS Collaboration
PHYSICS LETTERS B Volume: 789 Article Number: 508-529

201. Performance of top-quark and WW-boson tagging with ATLAS in Run 2 of the LHC
By: Aaboud, M.; Aad, G.; Abbott, B.; et al.
Group Author(s): ATLAS Collaboration
EUROPEAN PHYSICAL JOURNAL C Volume: 79 issue: 5 Article Number: 375
202. Search for squarks and gluinos in final states with hadronically decaying τ -leptons, jets, and missing transverse momentum using pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector
By: Aaboud, M.; Aad, G.; Abbott, B.; et al.
Group Author(s): ATLAS Collaboration
PHYSICAL REVIEW D Volume: 99 Issue: 1 Article Number: 012009
203. Search for heavy charged long-lived particles in proton-proton collisions at $\sqrt{s} = 13$ TeV using an ionisation measurement with the ATLAS detector
By: Aaboud, M.; Aad, G.; Abbott, B.; et al.
Group Author(s): ATLAS Collaboration
PHYSICS LETTERS B Volume: 788 Article Number: 96-116
204. Search for long-lived particles in final states with displaced dimuon vertices in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector
By: Aaboud, M.; Aad, G.; Abbott, B.; et al.
Group Author(s): ATLAS Collaboration
PHYSICAL REVIEW D Volume: 99 Issue: 1 Article Number: 012001
205. Search for doubly charged scalar bosons decaying into same-sign W boson pairs with the ATLAS detector
By: Aaboud, M.; Aad, G.; Abbott, B.; et al.
Group Author(s): ATLAS Collaboration
EUROPEAN PHYSICAL JOURNAL C Volume: 79 issue: 1 Article Number: 58
206. Search for Resonant and Nonresonant Higgs Boson Pair Production in the $b\bar{b}\tau^+\tau^-$ Decay Channel in pp Collisions at $\sqrt{s} = 13$ TeV with the ATLAS Detector
By: Aaboud, M.; Aad, G.; Abbott, B.; et al.
Group Author(s): ATLAS Collaboration
PHYSICAL REVIEW LETTERS Volume: 121 Issue: 19 Article Number: 191801
Erratum: Phys.Rev.Lett. 122 (2019) no.8, 089901
207. Search for vector-boson resonances decaying to a top quark and bottom quark in the lepton plus jets final state in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector
By: Aaboud, M.; Aad, G.; Abbott, B.; et al.
Group Author(s): ATLAS Collaboration
PHYSICS LETTERS B Volume: 788 Article Number: 347-370

208. In situ calibration of large-R jet energy and mass in 13 TeV proton-proton collisions with the ATLAS detector
By: Aaboud, M.; Aad, G.; Abbott, B.; et al.
Group Author(s): ATLAS Collaboration
EUROPEAN PHYSICAL JOURNAL C Volume: 79 issue: 2 Article Number: 135
209. A strategy for a general search for new phenomena using data-derived signal regions and its application within the ATLAS experiment
By: Aaboud, M.; Aad, G.; Abbott, B.; et al.
Group Author(s): ATLAS Collaboration
EUROPEAN PHYSICAL JOURNAL C Volume: 79 issue: 2 Article Number: 120
210. Correlated long-range mixed-harmonic fluctuations measured in pp, pp+Pb and low-multiplicity Pb+Pb collisions with the ATLAS detector
By: Aaboud, M.; Aad, G.; Abbott, B.; et al.
Group Author(s): ATLAS Collaboration
PHYSICS LETTERS B Volume: 789 Article Number: 444-471
211. Search for Higgs boson decays into a pair of light bosons in the $b\bar{b}\mu\mu$ final state in pp collision at $\sqrt{s} = 13$ TeV with the ATLAS detector
By: Aaboud, M.; Aad, G.; Abbott, B.; et al.
Group Author(s): ATLAS Collaboration
PHYSICS LETTERS B Volume: 790 Article Number: 1-21
212. Measurement of the nuclear modification factor for inclusive jets in Pb+Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV with the ATLAS detector
By: Aaboud, M.; Aad, G.; Abbott, B.; et al.
Group Author(s): ATLAS Collaboration
PHYSICS LETTERS B Volume: 790 Article Number: 108-128
213. Search for pair production of Higgs bosons in the $b\bar{b}b\bar{b}$ final state using proton-proton collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector
By: Aaboud, M.; Aad, G.; Abbott, B.; et al.
Group Author(s): ATLAS Collaboration
JOURNAL OF HIGH ENERGY PHYSICS Issue: 1901 Article Number: 30
214. Search for light resonances decaying to boosted quark pairs and produced in association with a photon or a jet in proton-proton collisions at $\sqrt{s} = 13$ TeV with the ATLAS
By: Aaboud, M.; Aad, G.; Abbott, B.; et al.
Group Author(s): ATLAS Collaboration
PHYSICS LETTERS B Volume: 788 Article Number: 316-335
215. Search for supersymmetry in final states with two same-sign or three leptons and jets using 36 fb^{-1} of $\sqrt{s} = 13$ TeV pppp collision data with the ATLAS detector

By: Aaboud, M.; Aad, G.; Abbott, B.; et al.

Group Author(s): ATLAS Collaboration

JOURNAL OF HIGH ENERGY PHYSICS Issue: 1709 Article Number: 84

Erratum: JHEP 1908 (2019) 121

216. Measurement of the W boson polarisation in $t\bar{t}$ events from pp collisions at $\sqrt{s} = 8$ TeV in the lepton+jets channel with ATLAS

By: Aaboud, M.; Aad, G.; Abbott, B.; et al.

Group Author(s): ATLAS Collaboration

EUROPEAN PHYSICAL JOURNAL C Volume: 77 issue: 4 Article Number: 264

Erratum: Eur.Phys.J. C79 (2019) no.1, 19

217. A search for an excited muon decaying to a muon and two jets in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector

By: Aad, G.; Abbott, B.; Abbott, D. C.; et al.

Group Author(s): ATLAS Collaboration

NEW JOURNAL PHYSICS 18 (2016) no.7, 073021

Erratum: New J.Phys. 21 (2019) no.10, 109501

218. Measurement of $\Upsilon(1S)$ elliptic flow at forward rapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV

By: Acharya, S.; Adamova, D.; Adhya, S.P.; et al.

Group Author(s): ALICE Collaboration

PHYSICAL REVIEW LETTERS Volume: 123 Issue: 19 Article Number: 192301

219. Measurement of prompt D^0 , D^+ , D^{*+} , and D_s^+ production in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV

By: Acharya, S.; Adamova, D.; Adhya, S.P.; et al.

Group Author(s): ALICE Collaboration

JOURNAL OF HIGH ENERGY PHYSICS Issue: 1912 Article Number: 92

220. Multiplicity dependence of light (anti-)nuclei production in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV

By: Acharya, S.; Adamova, D.; Adhya, S.P.; et al.

Group Author(s): ALICE Collaboration

PHYSICS LETTERS B Volume: 800 Article Number: 135043

221. Measurement of the inclusive isolated photon production cross section in pp collisions at $\sqrt{s} = 7$ TeV

By: Acharya, S.; Adamova, D.; Adhya, S.P.; et al.

Group Author(s): ALICE Collaboration

EUROPEAN PHYSICAL JOURNAL C Volume: 79 issue: 11 Article Number: 896

222. Scattering studies with low-energy kaon-proton femtoscopy in proton-proton collisions at the LHC

By: Acharya, S.; Adamova, D.; Adhya, S.P.: et al.

Group Author(s): ALICE Collaboration

PHYSICAL REVIEW LETTERS Volume: 124 Issue: 9 Article Number: 092301

223. Inclusive J/ψ production at mid-rapidity in pp collisions at $\sqrt{s} = 5.02$ TeV

By: Acharya, S.; Adamova, D.; Adhya, S.P.: et al.

Group Author(s): ALICE Collaboration

JOURNAL OF HIGH ENERGY PHYSICS Issue: 1910 Article Number: 84

224. Study of the Λ - Λ interaction with femtoscopy correlations in pp and p-Pb collisions at the LHC

By: Acharya, S.; Adamova, D.; Adhya, S.P.: et al.

Group Author(s): ALICE Collaboration

PHYSICS LETTERS B Volume: 797 Article Number: 134822

225. Charged-particle production as a function of multiplicity and transverse sphericity in pp collisions at $\sqrt{s} = 5.02$ and 13 TeV

By: Acharya, S.; Adamova, D.; Adhya, S.P.: et al.

Group Author(s): ALICE Collaboration

EUROPEAN PHYSICAL JOURNAL C Volume: 79 issue: 10 Article Number: 857

226. Production of muons from heavy-flavour hadron decays in pp collisions at $\sqrt{s} = 5.02$ TeV

By: Acharya, S.; Adamova, D.; Adhya, S.P.: et al.

Group Author(s): ALICE Collaboration

JOURNAL OF HIGH ENERGY PHYSICS Issue: 1909 Article Number: 8

227. Measurement of charged jet cross section in pp collisions at $\sqrt{s} = 5.02$ TeV

By: Acharya, S.; Adamova, D.; Adhya, S.P.: et al.

Group Author(s): ALICE Collaboration

PHYSICAL REVIEW D Volume: 100 Issue: 9 Article Number: 092004

228. Exploration of jet substructure using iterative declustering in pp and Pb-Pb collisions at LHC energies

By: Acharya, S.; Adamova, D.; Adhya, S.P.: et al.

Group Author(s): ALICE Collaboration

PHYSICS LETTERS B Volume: 802 Article Number: 135227

229. Measurement of the production of charm jets tagged with D^0 mesons in pp collisions at $\sqrt{s} = 7$ TeV

By: Acharya, S.; Adamova, D.; Adhya, S.P.: et al.

Group Author(s): ALICE Collaboration

JOURNAL OF HIGH ENERGY PHYSICS Issue: 1908 Article Number: 133

230. Measurement of jet radial profiles in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV

By: Acharya, S.; Adamova, D.; Adhya, S.P.: et al.

Group Author(s): ALICE Collaboration

PHYSICS LETTERS B Volume: 796 Article Number: 204-219

231. First observation of an attractive interaction between a proton and a multi-strange baryon

By: Acharya, S.; Adamova, D.; Adhya, S.P.: et al.

Group Author(s): ALICE Collaboration

PHYSICAL REVIEW LETTERS Volume: 123 Issue: 11 Article Number: 112002

232. Coherent J/ψ photoproduction at forward rapidity in ultra-peripheral Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV

By: Acharya, S.; Adamova, D.; Adhya, S.P.: et al.

Group Author(s): ALICE Collaboration

PHYSICS LETTERS B Volume: 798 Article Number: 134926

233. One-dimensional charged kaon femtoscopy in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV

By: Acharya, S.; Adamova, D.; Adhya, S.P.: et al.

Group Author(s): ALICE Collaboration

PHYSICAL REVIEW C Volume: 100 Issue: 2 Article Number: 024002

234. Measurement of strange baryon-antibaryon interactions with femtoscopic correlations

By: Acharya, S.; Adamova, D.; Adhya, S.P.: et al.

Group Author(s): ALICE Collaboration

PHYSICAL REVIEW LETTERS Volume: 123 Issue: 14 Article Number: 142301

235. Multiplicity dependence of (anti-)deuteron production in pp collisions at $\sqrt{s} = 7$ TeV

By: Acharya, S.; Adamova, D.; Adhya, S.P.: et al.

Group Author(s): ALICE Collaboration

PHYSICS LETTERS B Volume: 794 Article Number: 50-63

236. Calibration of the photon spectrometer PHOS of the ALICE experiment

By: Acharya, S.; Adamova, D.; Adhya, S.P.: et al.

Group Author(s): ALICE Collaboration

JOURNAL OF INSTRUMENTATION_ Volume: 14 Issue: 5 Article Number: P05025

237. Measurement of D^0 , D^+ , D^{*+} and D_s^+ production in pp collisions at $\sqrt{s} = 5.02$ TeV with ALICE

By: Acharya, S.; Adamova, D.; Adhya, S.P.: et al.

Group Author(s): ALICE Collaboration

EUROPEAN PHYSICAL JOURNAL C Volume: 79 issue: 5 Article Number: 388

238. Event-shape and multiplicity dependence of freeze-out radii in pp collisions at $\sqrt{s} = 7$ TeV
By: Acharya, S.; Adamova, D.; Adhya, S.P.: et al.
Group Author(s): ALICE Collaboration
JOURNAL OF HIGH ENERGY PHYSICS Issue: 1909 Article Number: 108
239. Real-time data processing in the ALICE High Level Trigger at the LHC
By: Acharya, S.; Adamova, D.; Adhya, S.P.: et al.
Group Author(s): ALICE Collaboration
COMPUTING PHYSICS COMMUNICATION Volume: 42 Article Number: 25-48
240. Charged-particle pseudorapidity density at mid-rapidity in p-Pb collisions at $\sqrt{s_{NN}} = 8.16$ TeV
By: Acharya, S.; Adamova, D.; Adhya, S.P.: et al.
Group Author(s): ALICE Collaboration
EUROPEAN PHYSICAL JOURNAL C Volume: 79 issue: 4 Article Number: 307
241. Study of J/ψ azimuthal anisotropy at forward rapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV
By: Acharya, S.; Adamova, D.; Adhya, S.P.: et al.
Group Author(s): ALICE Collaboration
JOURNAL OF HIGH ENERGY PHYSICS Issue: 1902 Article Number: 12
242. Jet fragmentation transverse momentum measurements from di-hadron correlations in $\sqrt{s} = 7$ TeV pp and $\sqrt{s_{NN}} = 5.02$ TeV p-Pb collisions
By: Acharya, S.; Adamova, D.; Adhya, S.P.: et al.
Group Author(s): ALICE Collaboration
JOURNAL OF HIGH ENERGY PHYSICS Issue: 1903 Article Number: 169
243. Λ_c^+ production in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV
By: Acharya, S.; Adamova, D.; Adhya, S.P.: et al.
Group Author(s): ALICE Collaboration
PHYSICS LETTERS B Volume: 793 Article Number: 221-223
244. Event-shape engineering for the D-meson elliptic flow in mid-central Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV
By: Acharya, S.; Adamova, D.; Adhya, S.P.: et al.
Group Author(s): ALICE Collaboration
JOURNAL OF HIGH ENERGY PHYSICS Issue: 1902 Article Number: 150
245. Measuring K^0K^\pm interactions using pp collisions at $\sqrt{s} = 7$ TeV
By: Acharya, S.; Adamova, D.; Adhya, S.P.: et al.
Group Author(s): ALICE Collaboration
PHYSICS LETTERS B Volume: 790 Article Number: 22-34

246. Charged jet cross section and fragmentation in proton-proton collisions at $\sqrt{s} = 7$ TeV
By: Acharya, S.; Adamova, D.; Adhya, S.P.: et al.
Group Author(s): ALICE Collaboration
PHYSICAL REVIEW D Volume: 99 Issue: 1 Article Number: 012016
247. Energy dependence of exclusive J/ψ photoproduction off protons in ultra-peripheral p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV
By: Acharya, S.; Adamova, D.; Adhya, S.P.: et al.
Group Author(s): ALICE Collaboration
EUROPEAN PHYSICAL JOURNAL C Volume: 79 issue: 5 Article Number: 402
248. Multiplicity dependence of light-flavor hadron production in pp collisions at $\sqrt{s} = 7$ TeV
By: Acharya, S.; Adamova, D.; Adhya, S.P.: et al.
Group Author(s): ALICE Collaboration
PHYSICAL REVIEW C Volume: 99 Issue: 2 Article Number: 024906
249. p-p, p- Λ and Λ - Λ correlations studied via femtoscopy in pp reactions at $\sqrt{s} = 7$ TeV
By: Acharya, S.; Adamova, D.; Adhya, S.P.: et al.
Group Author(s): ALICE Collaboration
PHYSICAL REVIEW C Volume: 99 Issue: 2 Article Number: 024001
250. Analysis of the apparent nuclear modification in peripheral Pb-Pb collisions at 5.02 TeV
By: Acharya, S.; Adamova, D.; Adhya, S.P.: et al.
Group Author(s): ALICE Collaboration
PHYSICS LETTERS B Volume: 793 Article Number: 420-432
251. Production of the $\rho(770)^0$ meson in pp and Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV
By: Acharya, S.; Adamova, D.; Adhya, S.P.: et al.
Group Author(s): ALICE Collaboration
PHYSICAL REVIEW C Volume: 99 Issue: 6 Article Number: 064901
252. Azimuthal anisotropy of heavy-flavour decay electrons in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV
By: Acharya, S.; Adamova, D.; Adhya, S.P.: et al.
Group Author(s): ALICE Collaboration
PHYSICAL REVIEW LETTERS Volume: 122 Issue: 7 Article Number: 072301
253. Suppression of $\Lambda(1520)$ resonance production in central Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV
By: Acharya, S.; Adamova, D.; Adhya, S.P.: et al.
Group Author(s): ALICE Collaboration
PHYSICAL REVIEW C Volume: 99 Article Number: 024905

254. Υ suppression at forward rapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV
By: Acharya, S.; Adamova, D.; Adhya, S.P.: et al.
Group Author(s): ALICE Collaboration
PHYSICS LETTERS B Volume: 790 Article Number: 89-101
255. Transverse momentum spectra and nuclear modification factors of charged particles in Xe-Xe collisions at $\sqrt{s_{NN}} = 5.44$ TeV
By: Acharya, S.; Adamova, D.; Adhya, S.P.: et al.
Group Author(s): ALICE Collaboration
PHYSICS LETTERS B Volume: 788 Article Number: 166-179
256. Direct photon elliptic flow in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV
By: Acharya, S.; Adamova, D.; Adhya, S.P.: et al.
Group Author(s): ALICE Collaboration
PHYSICS LETTERS B Volume: 789 Article Number: 308-322
257. Dielectron and heavy-quark production in inelastic and high-multiplicity proton-proton collisions at $\sqrt{s} = 13$ TeV
By: Acharya, S.; Adamova, D.; Adhya, S.P.: et al.
Group Author(s): ALICE Collaboration
PHYSICS LETTERS B Volume: 788 Article Number: 505-518
258. Two particle differential transverse momentum and number density correlations in p-Pb and Pb-Pb at the LHC
By: Acharya, S.; Adamova, D.; Adhya, S.P.: et al.
Group Author(s): ALICE Collaboration
PHYSICAL REVIEW C Volume: 100 Issue: 4 Article Number: 044903
259. Centrality and pseudorapidity dependence of the charged-particle multiplicity density in Xe-Xe collisions at $\sqrt{s_{NN}} = 5.44$ TeV
By: Acharya, S.; Adamova, D.; Adhya, S.P.: et al.
Group Author(s): ALICE Collaboration
PHYSICS LETTERS B Volume: 790 Article Number: 35-48
260. Direct photon production at low transverse momentum in proton-proton collisions at $\sqrt{s} = 2.76$ and 8 TeV
By: Acharya, S.; Adamova, D.; Adhya, S.P.: et al.
Group Author(s): ALICE Collaboration
PHYSICAL REVIEW C Volume: 99 Issue: 2 Article Number: 024912
261. Relative particle yield fluctuations in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV
By: Acharya, S.; Adamova, D.; Adhya, S.P.: et al.
Group Author(s): ALICE Collaboration
EUROPEAN PHYSICAL JOURNAL C Volume: 79 issue: 3 Article Number: 236

262. Insight into particle production mechanisms via angular correlations of identified particles in pp collisions at $\sqrt{s} = 7$ TeV
By: Acharya, S.; Adamova, D.; Adhya, S.P.: et al.
Group Author(s): ALICE Collaboration
EUROPEAN PHYSICAL JOURNAL C Volume: 77 issue: 8 Article Number: 569
Erratum: Eur.Phys.J. C79 (2019) no.12, 998
263. A very-high-energy component deep in the gamma-ray burst afterglow
By: Abdalla, H.; Adam, R.; Aharonian, F.; et al.
Group Author(s): HESS Collaboration
NATURE Volume: 575 Article Number: 464-467
264. Constraints on the emission region of 3C 279 during strong flares in 2014 and 2015 through VHE gamma-ray observations with H.E.S.S.
By: Abdalla, H.; Adam, R.; Aharonian, F.; et al.
Group Author(s): HESS Collaboration
ASTRONOMY & ASTROPHYSICS A Volume: 159 Article Number: 627
265. H.E.S.S. and Suzaku observations of the Vela X pulsar wind nebula
By: Abdalla, H.; Aharonian, F.; Benkhali, F.I.; et al.
Group Author(s): HESS Collaboration
ASTRONOMY & ASTROPHYSICS A Volume: 100 Article Number: 627
266. Upper Limits on Very-High-Energy Gamma-ray Emission from Core-Collapse Supernovae Observed with H.E.S.S.
By: Abdalla, H.; Aharonian, F.; Benkhali, F.I.; et al.
Group Author(s): HESS Collaboration
ASTRONOMY & ASTROPHYSICS A Volume: 57 Article Number: 626
267. H.E.S.S. observations of the flaring gravitationally lensed galaxy PKS 1830-211
By: Abdalla, H.; Aharonian, F.; Benkhali, F.I.; et al.
Group Author(s): HESS Collaboration
MONTHLY NOTICES OF ROYAL ASTRONOMICAL SOCIETY Volume: 486 Article Number: 3886-3891
268. The 2014 TeV Gamma-ray Flare of Mrk 501 Seen with H.E.S.S.: Temporal and Spectral Constraints on Lorentz Invariance Violation
By: Abdalla, H.; Aharonian, F.; Benkhali, F.I.; et al.
Group Author(s): HESS Collaboration
THE ASTROPHYSICAL JOURNAL Volume: 870 Article Number: 93
269. Particle Transport within the Pulsar Wind Nebula HESS J1825-137
By: Abdalla, H.; Aharonian, F.; Benkhali, F.I.; et al.
Group Author(s): HESS Collaboration

ASTRONOMY & ASTROPHYSICS A Volume: 116 Article Number: 621

270. VHE gamma-ray discovery and multi-wavelength study of the blazar 1ES 2322-409
By: Abdalla, H.; Aharonian, F.; Benkhali, F.I.; et al.

Group Author(s): HESS Collaboration

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3011-3022

271. A small proton charge radius from an electron-proton scattering experiment
By: Xiong, W.; Gasparian, A.; Gao, H.; et al.

Group Author(s): Jefferson Lab

NATURE Volume: 575 Issue: 7781 Article Number: 147-150

272. Measurement of the single-spin asymmetry A_y^0 in quasi-elastic ^3He ($e, e'n$)
scattering at $0.4 < Q^2 < 1.0 \text{ GeV}/c^2$

By: Long, E.; Zhang, Y.W.; Mihovilovic, M.; et al.

Group Author(s): Jefferson Lab HALL A Collaboration

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By: Ambrozewicz, P.; Ye, L.; Prok, Y.; et al.

Group Author(s): PrimEx collaboration

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By: Crus-Torres, R.; Li, S.; Hauenstein, F.; et al.

Group Author(s): Jefferson Lab HALL A Tritium Collaboration

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By: Garibaldi, F.; Acha, A.; Ambrozewicz, P.; et al.

Group Author(s): Jefferson Lab HALL A Collaboration

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Group Author(s): Jefferson Lab CLAS Collaboration

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Group Author(s): Jefferson Lab CLAS Collaboration
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Group Author(s): Jefferson Lab CLAS Collaboration
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Group Author(s): Jefferson Lab CLAS Collaboration
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By: Duer, M.; Hen, O.; Piasetsky, E.; et al.
Group Author(s): Jefferson Lab CLAS Collaboration
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Group Author(s): Jefferson Lab CLAS Collaboration
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Group Author(s): Jefferson Lab CLAS Collaboration
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Group Author(s): Jefferson Lab HALL C Collaboration
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Group Author(s): Jefferson Lab HALL C Collaboration
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Group Author(s): Jefferson Lab HALL C Collaboration
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By: Albayrak, I.; Mamyan, V.; Christy, M.E.; et al.
Group Author(s): Jefferson Lab E06-009 Collaboration
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Group Author(s): SANE Collaboration
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Group Author(s): Jefferson Lab GlueX Collaboration
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Group Author(s): Jefferson Lab GlueX Collaboration
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Group Author(s): HERMES Collaboration
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By: Yaralov, V.

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