## **Journal Articles**

- [1] M. Aaboud, "Fluctuations of anisotropic flow in Pb+Pb collisions at  $\sqrt{s_{NN}} = 5.02$  TeV with the ATLAS detector", JHEP **01**, 051 (2020).
- [2] M. Aaboud, "Measurement of  $J/\psi$  production in association with a  $W^{\pm}$  boson with pp data at 8 TeV", JHEP **01**, 095 (2020).
- [3] M. Aaboud, "Measurement of long-range two-particle azimuthal correlations in Z-boson tagged pp collisions at  $\sqrt{s}$ =8 and 13 TeV", Eur. Phys. J. **C80**, 64 (2020).
- [4] G. Aad, "Z boson production in Pb+Pb collisions at  $\sqrt{s_{\text{NN}}} = 5.02$  TeV measured by the ATLAS experiment", Phys. Lett. **B802**, 135262 (2020).
- [5] G. Aad, "ATLAS data quality operations and performance for 2015-2018 data-taking", JINST 15, P04003 (2020).
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- [13] G. Aad, "Measurement of differential cross sections for single diffractive dissociation in  $\sqrt{s} = 8$  TeV pp collisions using the ATLAS ALFA spectrometer", JHEP **02**, 042 (2020).
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- [15] G. Aad, "Measurement of soft-drop jet observables in pp collisions with the ATLAS detector at  $\sqrt{s}$  =13TeV", Phys. Rev. **D101**, 052007 (2020).
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- [17] G. Aad, "Measurement of the  $Z(\to \ell^+\ell^-)\gamma$  production cross-section in pp collisions at  $\sqrt{s} = 13$  TeV with the ATLAS detector", JHEP **03**, 054 (2020).
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