

Publications with major contribution

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- [3] ATLAS Collaboration. Search for gluinos in events with an isolated lepton, jets and missing transverse momentum at $\sqrt{s} = 13$ TeV with the ATLAS detector. *Eur. Phys. J. C*, 76:565, 2016.
- [4] ATLAS Collaboration. Search for squarks and gluinos in events with an isolated lepton, jets, and missing transverse momentum at $\sqrt{s} = 13$ TeV with the ATLAS detector. *Phys. Rev. D*, 96:112010, 2017.
- [5] ATLAS Collaboration. Searches for electroweak production of supersymmetric particles with compressed mass spectra in $\sqrt{s} = 13$ TeV pp collisions with the ATLAS detector. *Phys. Rev. D*, 101:052005, 2020.
- [6] ATLAS Collaboration. Search for chargino–neutralino pair production in final states with three leptons and missing transverse momentum in $\sqrt{s} = 13$ TeV pp collisions with the ATLAS detector. *Eur. Phys. J. C*, 81:1118, 2021.
- [7] ATLAS Collaboration. Muon reconstruction and identification efficiency in ATLAS using the full Run 2 pp collision data set at $\sqrt{s} = 13$ TeV. *Eur. Phys. J. C*, 81:578, 2021.
- [8] ATLAS Collaboration. Search for charginos and neutralinos in final states with two boosted hadronically decaying bosons and missing transverse momentum in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. *Phys. Rev. D*, 104:112010, 2021.
- [9] Dawson, I. and others. Radiation effects in the LHC experiments: impact on detector performance and operation, CERN Yellow Reports: Monographs. 2021.
- [10] Shion Chen, Hajime Fukuda, Toshiaki Inada, Takeo Moroi, Tatsumi Nitta, and Thanaporn Sichanugrist. Detecting hidden photon dark matter using the direct excitation of transmon qubits. *Physical Review Letters*, 131(21):211001, 2023.