

Publication List

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January 1, 2022

- A. Tumasyan et al., **Search for a right-handed W boson and a heavy neutrino in proton-proton collisions at $\sqrt{s} = 13$ TeV**, (2021). <http://arxiv.org/abs/2112.03949>, arXiv:2112.03949 [hep-ex]
- A. Tumasyan et al., **Search for resonant production of strongly coupled dark matter in proton-proton collisions at 13 TeV**, (2021). <http://arxiv.org/abs/2112.11125>, arXiv:2112.11125 [hep-ex]
- A. Tumasyan et al., **Measurement of the inclusive $t\bar{t}$ production cross section in proton-proton collisions at $\sqrt{s} = 5.02$ TeV**, (2021). <http://arxiv.org/abs/2112.09114>, arXiv:2112.09114 [hep-ex]
- A. Tumasyan et al., **Measurements of the associated production of a W boson and a charm quark in proton-proton collisions at $\sqrt{s} = 8$ TeV**, (2021). <http://arxiv.org/abs/2112.00895>, arXiv:2112.00895 [hep-ex]
- A. Tumasyan et al., **Measurement of the production cross section for $Z + b$ jets in proton-proton collisions at $\sqrt{s} = 13$ TeV**, (2021). <http://arxiv.org/abs/2112.09659>, arXiv:2112.09659 [hep-ex]
- A. Tumasyan et al., **Probing charm quark dynamics via multiparticle correlations in PbPb collisions at $\sqrt{s_{NN}} = 5.02$ TeV**, (2021). <http://arxiv.org/abs/2112.12236>, arXiv:2112.12236 [hep-ex]
- A. Tumasyan et al., **Evidence for WW/WZ vector boson scattering in the decay channel $\ell\nu q\bar{q}$ produced in association with two jets in proton-proton collisions at $\sqrt{s} = 13$ TeV**, (2021). <http://arxiv.org/abs/2112.05259>, arXiv:2112.05259 [hep-ex]
- A. Tumasyan et al., **Search for heavy resonances decaying to a pair of Lorentz-boosted Higgs bosons in final states with leptons and a bottom quark pair at $\sqrt{s} = 13$ TeV**, (2021). <http://arxiv.org/abs/2112.03161>, arXiv:2112.03161 [hep-ex]
- A. Tumasyan et al., **Search for long-lived particles decaying into muon pairs in proton-proton collisions at $\sqrt{s} = 13$ TeV**, (2021). <http://arxiv.org/abs/2112.13769>, arXiv:2112.13769 [hep-ex]
- A. Tumasyan et al., **Measurement of $W^{\pm}\gamma$ differential cross sections in proton-proton collisions at $\sqrt{s} = 13$ TeV and effective field theory constraints**, (2021). <http://arxiv.org/abs/2111.13948>, arXiv:2111.13948 [hep-ex]
- A. Tumasyan et al., **Search for supersymmetry in final states with two or three soft leptons and missing transverse momentum in proton-proton collisions at $\sqrt{s} = 13$ TeV**, (2021). <http://arxiv.org/abs/2111.06296>, arXiv:2111.06296 [hep-ex]
- A. Tumasyan et al., **Study of dijet events with large rapidity separation in proton-proton collisions at $\sqrt{s} = 2.76$ TeV**, (2021). <http://arxiv.org/abs/2111.04605>, arXiv:2111.04605 [hep-ex]
- A. Tumasyan et al., **Search for a heavy resonance decaying into a top quark and a W boson in the lepton+jets final state at $\sqrt{s} = 13$ TeV**, (2021). <http://arxiv.org/abs/2111.10216>, arXiv:2111.10216 [hep-ex]
- A. Tumasyan et al., **Observation of triple J/ψ meson production in proton-proton collisions at $\sqrt{s} = 13$ TeV**, (2021). <http://arxiv.org/abs/2111.05370>, arXiv:2111.05370 [hep-ex]
- A. Tumasyan et al., **Search for heavy resonances decaying to ZZ or ZW and axion-like particles mediating nonresonant ZZ or ZH production at $\sqrt{s} = 13$ TeV**, (2021). <http://arxiv.org/abs/2111.13669>, arXiv:2111.13669 [hep-ex]
- A. Tumasyan et al., **Measurement and QCD analysis of double-differential inclusive jet cross sections in proton-proton collisions at $\sqrt{s} = 13$ TeV**, (2021). <http://arxiv.org/abs/2111.10431>, arXiv:2111.10431 [hep-ex]
- A. Tumasyan et al., **Measurement of the inclusive and differential WZ production cross sections, polarization angles, and triple gauge couplings in pp collisions at $\sqrt{s} = 13$ TeV**, (2021). <http://arxiv.org/abs/2110.11231>,

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