## Physics Publications with Major Personal Contributions

- A.M. Sirunyan et al., Search for new phenomena in final states with two opposite-charge, same-flavor leptons, jets, and missing transverse momentum in pp collisions at  $\sqrt{s} = 13$  TeV, *JHEP*. 03 (2018) 076, doi:10.1007/s13130-018-7845-2, arXiv:1709.08908 [hep-ex]
- A.M. Sirunyan et al., Search for standard model production of four top quarks with same-sign and multilepton final states in proton-proton collisions at  $\sqrt{s} = 13 TeV$ , Eur. Phys. J. C78 (2018) 140, doi:10.1140/epjc/s10052-018-5607-5, arXiv:1710.10614 [hep-ex]
- A.M. Sirunyan et al., Search for dark matter in events with energetic, hadronically decaying top quarks and missing transverse momentum at  $\sqrt{s} = 13$  TeV, (2018), arXiv:1801.08427 [hep-ex]
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- A.M. Sirunyan et al., Search for new phenomena with the  $M_{T2}$  variable in the all-hadronic final state produced in proton–proton collisions at  $\sqrt{s}=13TeV$ , Eur. Phys. J. C77 (2017) 710, doi:10.1140/epjc/s10052-017-5267-x, arXiv:1705.04650 [hep-ex]
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- V. Khachatryan et al., Search for new physics in final states with two opposite-sign, same-flavor leptons, jets, and missing transverse momentum in pp collisions at sqrt(s) = 13 TeV, *JHEP*. 12 (2016) 013, doi:10.1007/JHEP12(2016)013, arXiv:1607.00915 [hep-ex]
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