

Publication List

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- M. Bhattacharya et al., **Portability: A Necessary Approach for Future Scientific Software**, in: **2022 Snowmass Summer Study**, 2022. <http://arxiv.org/abs/2203.09945>, arXiv:2203.09945 [physics.comp-ph]
- A. Tumasyan et al., **Search for new particles in an extended Higgs sector with four b quarks in the final state at $\sqrt{s} = 13$ TeV**, (2022). <http://arxiv.org/abs/2203.00480>, arXiv:2203.00480 [hep-ex]
- A. Tumasyan et al., **Search for Higgs boson pair production in the four b quark final state in proton-proton collisions at $\sqrt{s} = 13$ TeV**, (2022). <http://arxiv.org/abs/2202.09617>, arXiv:2202.09617 [hep-ex]
- A. Tumasyan et al., **First evidence for off-shell production of the Higgs boson and measurement of its width**, (2022). <http://arxiv.org/abs/2202.06923>, arXiv:2202.06923 [hep-ex]
- A. Tumasyan et al., **Inclusive nonresonant multilepton probes of new phenomena at $\sqrt{s} = 13$ TeV**, (2022). <http://arxiv.org/abs/2202.08676>, arXiv:2202.08676 [hep-ex]
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- A. Tumasyan et al., **Identification of hadronic tau lepton decays using a deep neural network**, (2022). <http://arxiv.org/abs/2201.08458>, arXiv:2201.08458 [hep-ex]
- A. Tumasyan et al., **Observation of the B_c^+ meson in PbPb and pp collisions at $\sqrt{s_{NN}} = 5.02$ TeV**, (2022). <http://arxiv.org/abs/2201.02659>, arXiv:2201.02659 [hep-ex]
- A. Tumasyan et al., **Search for high-mass resonances decaying to a jet and a Lorentz-boosted resonance in proton-proton collisions at $\sqrt{s} = 13$ TeV**, (2022). <http://arxiv.org/abs/2201.02140>, arXiv:2201.02140 [hep-ex]
- A. Tumasyan et al., **Search for charged-lepton flavor violation in top quark production and decay in pp collisions at $\sqrt{s} = 13$ TeV**, (2022). <http://arxiv.org/abs/2201.07859>, arXiv:2201.07859 [hep-ex]
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