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* 1310 “Search for production of a single vector-like quark decaying to tH or tZ in the all-hadronic final state in pp collisions at 13 TeV"  
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* 1309 “Girth and groomed radius of jets recoiling against isolated photons in lead-lead and proton-proton collisions at 5.02 TeV"  
  [CMS-HIN-23-001](https://cms-results.web.cern.ch/cms-results/public-results/publications/HIN-23-001/index.html), Submitted to PLB, [arXiv:2405.02737](https://arxiv.org/abs/2405.02737) (2024-05-04).
* 1308 “Search for new resonances decaying to pairs of merged diphotons in proton-proton collisions at 13 TeV"  
  [CMS-EXO-22-022](https://cms-results.web.cern.ch/cms-results/public-results/publications/EXO-22-022/index.html), Submitted to PRL, [arXiv:2405.00834](https://arxiv.org/abs/2405.00834) (2024-05-01).
* 1307 “Search for the Z boson decay to in proton-proton collisions at 13 TeV"  
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* 1306 “Performance of CMS muon reconstruction from proton-proton to heavy ion collisions"  
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