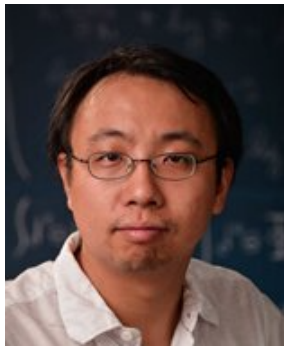




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1. New physics at TeV scale
2. Dark matter theory and how to search for it
3. Cosmology

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主要论著

1. H. An, M. Pospelov, J. Pradler, A. Ritz "Direct detection of MeV-scale dark matter via solar reflection" , arXiv:1708.03642
2. H. An, M. McAneny, M.B.Wise "Quasi Single Inflation in the non-perturbative regime" , arXiv:1706.09971
3. H. An, M.B.Wise, Y.Zhang, "Strong CMB constraint on p-wave annihilation dark matter" , Phys.Lett. B773 (2017) 121-124, arXiv:1606.02305.

4. H. An, M.B.Wise, Y.Zhang, "Effects of bound states on dark matter annihilation" , Phys.Rev.D93 (2016) 115020, arXiv:1604.01776
5. H. An, B.Enchenard, M.Pospelov, Y.Zhang, "Probing the dark sector with dark matter bound states" , Phys.Rev.Lett. 116 (2016), 151801, arXiv:1510.05020
6. H. An, L.-T.Wang, "Opening up the compressed region of top squark searches at 13 TeV LHC" , Phys.Rev.Lett. 115 (2015) 181602, arXiv:1506.00653
7. H. An, M.Pospelov, J.Pradler, "Direct detection constraints on dark photon dark matter" , Phys.Lett.B747 (2015) 331-338, arXiv:1412.8378
8. H. An, Y.Zhang, "Direct detection of baryogenesis mechanism from squark decays at LHC" , Phys.Rev.D89 (2014) 071902, arXiv:1310.2608
9. H. An, M. Pospelov, J. Pradler, "Dark matter detectors as dark photon helioscopes" , Phys.Rev.Lett. 111 (2013) 041302, arXiv:1304.3461
10. H. An, M. Pospelov, J. Pradler, "New stellar constraints on dark photons" , Phys.Lett. B725 (2013) 190-195, arXiv:1302.3884

