

## PUBLICATIONS

\* 97 publications; 13,180 citations; h-index = 58 (Google Scholar)

1. S. Mandal, N. Sehgal, T. Namikawa, "Finding Evidence for Inflation and the Origin of Galactic Magnetic Fields with CMB Surveys", *submitted to Phys. Rev. X*, (2022), arXiv:2201.02204
2. D. Han, N. Sehgal, "Mitigating Foreground Bias to the CMB Lensing Power Spectrum for a CMB-HD Survey", *submitted to Phys. Rev. D*, (2021), arXiv:2112.02109
3. D. Han, N. Sehgal, F. Villaescusa-Navarro, "Deep Learning Simulations of the Microwave Sky", *Phys. Rev. D*, (2021), **104**, 123521
4. D. Han, N. Sehgal, A. MacInnis for the ACT Collaboration, "The Atacama Cosmology Telescope: Delensed Power Spectra and Parameters", *Journal of Cosmology and Astroparticle Physics*, (2021), **01**, 031
5. N. Sehgal et al, "CMB-HD: Astro2020 RFI Response", Response to request for information (RFI) by the Panel of Radio, Millimeter, and Submillimeter Observations from the Ground (RMS) of the Astro2020 Decadal Survey, (2020), arXiv:2002.12714
6. Y. Guan for the ACT Collaboration, "The Atacama Cosmology Telescope: Microwave Intensity and Polarization Maps of the Galactic Center", *The Astrophysical Journal*, (2021), **01**, 06
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8. S. Adhikari for the ACT and DES Collaborations, "Probing galaxy evolution in massive clusters using ACT and DES: splashback as a cosmic clock", *The Astrophysical Journal*, (2020), **923**, 01
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13. S. Choi for the ACT Collaboration, "The Atacama Cosmology Telescope: A Measurement of the Cosmic Microwave Background Power Spectra at 98 and 150 GHz", *Journal of Cosmology and Astroparticle Physics*, (2020), **12**, 45
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15. M. Hilton for the ACT Collaboration, "The Atacama Cosmology Telescope: A Catalog of > 4000 Sunyaev-Zel'dovich Galaxy Clusters", *The Astrophysical Journal Supplement Series*, (2021), **253**, 01
16. S. Amodeo for the ACT Collaboration, "The Atacama Cosmology Telescope: Modelling the Gas Thermodynamics in BOSS CMASS galaxies from Kinematic and Thermal Sunyaev-Zel'dovich Measurements", *Phys. Rev. D*, (2021), **103**, 06
17. E. Schaan for the ACT Collaboration, "The Atacama Cosmology Telescope: Combined kinematic and thermal Sunyaev-Zel'dovich measurements from BOSS CMASS and LOWZ halos", *Phys. Rev. D*, (2021), **103**, 06
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21. O. Darwish for the ACT Collaboration, "The Atacama Cosmology Telescope: A CMB lensing mass map over 2100 square degrees of sky and its cross-correlation with BOSS-CMASS galaxies", *Monthly Notices of the Royal Astronomical Society*, (2020), **500**, 2
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