

Total: 14 / refereed: 6 / first author: 4 / citations: 488 / h-index: 9 (2024-06-04)

Refereed publications

- 6 DESI Collaboration; Adame, A. G.; Aguilar, J.; Ahlen, S.; Alam, S.; *et al.* (incl. **A. Anand**), 2024, *Validation of the Scientific Program for the Dark Energy Spectroscopic Instrument*, The Astronomical Journal, **167**, 62 (arXiv:2306.06307) [100 citations]
- 5 Napolitano, Lucas; Pandey, Agnesh; Myers, Adam D.; Lan, Ting-Wen; **Anand, Abhijeet**; *et al.*, 2023, *Detecting and Characterizing Mg II Absorption in DESI Survey Validation Quasar Spectra*, The Astronomical Journal, **166**, 99 (arXiv:2305.20016) [9 citations]
- 4 Ayromlou, Mohammadreza; Kauffmann, Guinevere; **Anand, Abhijeet**; & White, Simon D. M., 2023, *The physical origin of galactic conformity: from theory to observation*, Monthly Notices of the Royal Astronomical Society, **519**, 1913 (arXiv:2207.02218) [11 citations]
- 3 **Anand, Abhijeet**; Kauffmann, Guinevere; & Nelson, Dylan, 2022, *Cool circumgalactic gas in galaxy clusters: connecting the DESI legacy imaging survey and SDSS DR16 Mg II absorbers*, Monthly Notices of the Royal Astronomical Society, **513**, 3210 (arXiv:2201.07811) [17 citations]
- 2 **Anand, Abhijeet**; Nelson, Dylan; & Kauffmann, Guinevere, 2021, *Characterizing the abundance, properties, and kinematics of the cool circumgalactic medium of galaxies in absorption with SDSS DR16*, Monthly Notices of the Royal Astronomical Society, **504**, 65 (arXiv:2103.15842) [24 citations]
- 1 **Anand, Abhijeet**; Roy, Nirupam; & Gopal-Krishna, 2019, *Search for H I emission from superdisk candidates associated with radio galaxies*, Research in Astronomy and Astrophysics, **19**, 83 (arXiv:1812.06875) [1 citations]

Preprints & white papers

- 8 Chang, Yu-Ling; Lan, Ting-Wen; Prochaska, J. Xavier; Napolitano, Lucas; **Anand, Abhijeet**; *et al.*, 2024, *Probing the impact of radio-mode feedback on the properties of the cool circumgalactic medium*, ArXiv (arXiv:2405.08314)
- 7 Ross, A. J.; Aguilar, J.; Ahlen, S.; Alam, S.; **Anand, Abhijeet**; *et al.*, 2024, *The Construction of Large-scale Structure Catalogs for the Dark Energy Spectroscopic Instrument*, ArXiv (arXiv:2405.16593)
- 6 **Anand, Abhijeet**; Guy, Julien; Bailey, Stephen; Moustakas, John; Aguilar, J.; *et al.*, 2024, *Archetype-Based Redshift Estimation for the Dark Energy Spectroscopic Instrument Survey*, ArXiv (arXiv:2405.19288)
- 5 DESI Collaboration; Adame, A. G.; Aguilar, J.; Ahlen, S.; Alam, S.; *et al.* (incl. **A. Anand**), 2024, *DESI 2024 III: Baryon Acoustic Oscillations from Galaxies and Quasars*, ArXiv (arXiv:2404.03000) [46 citations]
- 4 DESI Collaboration; Adame, A. G.; Aguilar, J.; Ahlen, S.; Alam, S.; *et al.* (incl. **A. Anand**), 2024, *DESI 2024 VI: Cosmological Constraints from the Measurements of Baryon Acoustic Oscillations*, ArXiv (arXiv:2404.03002) [99 citations]
- 3 DESI Collaboration; Adame, A. G.; Aguilar, J.; Ahlen, S.; Alam, S.; *et al.* (incl. **A. Anand**), 2024, *DESI 2024 IV: Baryon Acoustic Oscillations from the Lyman Alpha Forest*, ArXiv (arXiv:2404.03001) [45 citations]

- ² DESI Collaboration; Adame, A. G.; Aguilar, J.; Ahlen, S.; Alam, S.; *et al.* (incl. **A. Anand**), 2023, *The Early Data Release of the Dark Energy Spectroscopic Instrument*, ArXiv ([arXiv:2306.06308](https://arxiv.org/abs/2306.06308)) [134 citations]
- ¹ Han, Jiwon Jesse; Dey, Arjun; Price-Whelan, Adrian M.; Najita, Joan; Schlafly, Edward F.; *et al.* (incl. **A. Anand**), 2023, *NANCY: Next-generation All-sky Near-infrared Community survey*, ArXiv ([arXiv:2306.11784](https://arxiv.org/abs/2306.11784)) [2 citations]