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Selected Publications

- Shah, Ekta A.; Lemaux, Brian, et al., *"Enhanced AGN Activity in Overdense Galactic Environments at* $2 < z < 4$ *"*, 2025 (Astronomy & Astrophysics Journal, 704, A101)
- Shah, Ekta A.; Lemaux, Brian, et al., *"Identification and Characterization of Six Spectroscopically Confirmed Massive Protostructures at* $2.5 < z < 4.5$*"*, 2023 (Monthly Notices of the Royal Astronomical Society, 529, 2)
- Shah, Ekta A.; Kartaltepe, J. S., et al., *"Studying the Effect of Galaxy Interaction on SFR at* $0.5 < z < 3.0$ *using CANDELS and COSMOS Observations"*, 2022 (The Astrophysical Journal, 940, 1)
- Shah, Ekta A.; Kartaltepe, J. S., et al., *"Investigating the Effect of Galaxy Interactions on the Enhancement of Active Galactic Nuclei at* $0.5 < z < 3.0$*"*, 2020 (The Astrophysical Journal, 904, 107)
- Richmond, M.; Shah, E., et al., *"Master flare may be asteroid (4801) Ohre"*, 2016, The Astronomer's Telegram, (2016ATel.8573....1R)
- Forrest, B.; Lemaux, B.; Shah, E., et al., *"Elentári:a massive proto-supercluster at* $z \sim 3.3$ *in the COSMOS field"*, 2023 (Monthly Notices of the Royal Astronomical Society: Letters, 526, 1)
- Hung, D;...; Shah E., et.al., *"Discovering Large-Scale Structure at* $2 < z < 5$ *in the C3VO Survey"*, 2024 (Astrophysical Journal)
- Khostovan, A.;...; Shah E., et.al., *"COSMOS Spectroscopic Redshift Compilation (First Data Release): 488,000 Redshifts Encompassing Two Decades of Spectroscopy"*, 2026 (Accepted for publication in Astrophysical Journal)
- McConachie, I.;...; Shah, E., et al., *"MAGAZ3NE: Evidence for Galactic Conformity in* $z > 3$ *Protoclusters"*, 2024 (Accepted for publication in the Astrophysical Journal)
- Forrest, B.; Lemaux, B.; Shah, E., et al., *Environmental Effects on the Stellar Mass Function in a* $z \sim 3.3$ *Overdensity of Galaxies in the COSMOS Field*, 2024 (The Astrophysical Journal, 971, 169)
- Staab, P.;...; Shah, E., et al., *"Protoclusters as drivers of stellar mass growth in the early Universe, a case study: Taralay - a massive protocluster at* $z \sim 4.57$*"* (Monthly Notices of the Royal Astronomical Society, 528, 4)
- Pacifici, C.;..., Shah, E., et al., *"The Art of Measuring Physical Parameters in Galaxies: A Critical Assessment of Spectral Energy Distribution Fitting Techniques"*, 2023 (The Astrophysical Journal, 944, 141)
- Zavala, J.;..., Shah, E., et al., *"Dusty Starbursts Masquerading as Ultra-high Redshift Galaxies in JWST CEERS Observations"*, 2024 (The Astrophysical Journal, 943, 9
- Finkelstein, S.;...; Shah, E., et al., *"A Long Time Ago in a Galaxy Far, Far Away: A Candidate* $z \sim 12$ *Galaxy in Early JWST CEERS Imaging"*, 2022 (The Astrophysical Journal Letters, 940, 55
- Shen, L;...; Shah, E., et al., *"The ALPINE-ALMA [C II] Survey: The Infrared-Radio Correlation and Active Galactic Nucleus Fraction of Star-forming Galaxies at* $z \sim 4.4 - 5.9$*"*, 2022 (The Astrophysical Journal, 935, 177)
- Martin, G.;..., Shah, E., et al., *"Preparing for low surface brightness science with the Vera C. Rubin Observatory: Characterization of tidal features from mock images"*, 2022 (Monthly Notices of the Royal Astronomical Society, 513, 1459)
- Lemaux, B.;...; Shah, E., et al., *"The VIMOS Ultra Deep Survey: The reversal of the star-formation rate-density relation at* $2 < z < 5$*"*, 2022 (Astronomy & Astrophysics, 662, 33)