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1. † *JWST Observations of SN 2023ixf III: Directly Tracing the Formation of Molecules and Dust from 250 to 750 Days After the Explosion*, Mera, T.; Shahbandeh, M.; Ashall, C.; et al, 2025, ApJ (in prep)
2. † *JWST NIRSpec+MIRI/MRS Observations of SN2022acko between 295-369 days past the explosion: Tracing Molecule Formation*, Mera, T. B.; Hoeflich, P.; Ashall, C.; et al., 2025, ApJ (in prep)
3. † *3D Structures of Supernovae through IR Signatures of CO and SiO*, Mera, T.; Hoeflich P., 2025, ApJ (in prep)
4. † *JWST Observations of SN 2024ggi: NIRSpec Spectroscopy and CO Modeling at +285 and +385 days Past the Explosion*, Mera, T.; Ashall, C.; Hoeflich P.; et al, 2025, ApJ (submitted)
5. *JWST Observations of SN 2023ixf I: Completing the Early Multi-Wavelength Picture with Plateau-phase Spectroscopy*, DerKacy, J.; Ashall, C.; ... Mera, T.; et al, 2025, ApJ
6. *JWST Observations of SN 2023ixf II: The Panchromatic Evolution Between 250 and 720 Days After the Explosion*, Medler, K.; Ashall, C.; ... Mera, T.; et al, 2025, ApJ
7. *JWST Observations of SN 2024ggi I: Interpretation and Model Comparison of the Type II Supernova 2024ggi at 55 days Past Explosion*, Baron, E.; Ashall, C.; ... Mera, T.; et al, 2025, ApJ
8. *Numerical and Physical Challenges to Nebular Spectroscopy in Thermonuclear Supernovae*, Hoeflich, P.; Fereundi, E.; ... ; Mera, T.: et al, 2025, JPhCS
9. *JWST NIRSpec+MIRI Observations of the nearby Type IIP Supernova 2022acko*, Shahbandeh, M.; Ashall, C.;... Mera, T.; et al., 2024, arXiv
10. **Near-Infrared Spectroscopy and Detection of Carbon Monoxide in the Type II Supernova SN 2023ixf*, Park, S.; Rho, S.;... Mera Evans, T.; et al, 2025, A&A
11. **Strong Carbon Features and a Red Early Color in the Underluminous Type Ia SN 2022xkq*, Pearson, J.; Sand, D. J.; ... Mera Evans, T. B.; et al, 2024, ApJ
12. † *Type Ia supernovae in the age of JWST: Finding the 'right' questions and the path to answers*, Hoeflich, P.; Fereidouni, E.; Mera, T. B., 2024, IOP (Elsevier)
13. *Type Ia Supernovae Progenitor Properties and Their host Galaxies*, Chakraborty, S.; Sadler, B.;... Mera T.; et al., 2024, ApJ
14. **JWST MIRI/Medium Resolution Spectrograph (MRS) Observations and Spectral Models of the Underluminous Type Ia Supernova 2022xkq*, Derkacy, J.; Ashall, C.; ... Mera Evans, T. B.; et al., 2023, ApJ
15. **JWST Low-Resolution MIRI Spectral Observations of SN 2021aefx: High-density Burning in a Type Ia Supernova*, Derkacy, J.; Ashall, C.; ... Mera Evans, T. B.; et al, 2023, ApJL
16. **A JWST Near- and Mid-Infrared Nebular Spectrum of the Type Ia Supernova 2021aefx*, Kwok, L.; Jha, S.;...Mera Evans, T.; et al, 2023, ApJL
17. † **A second-order distributed memory parallel fast sweeping method for the Eikonal equation*, Tro, S.; Mera Evans, T., 2022, JCP
18. † **Galactic Positrons from Thermonuclear Supernova*, Mera Evans, T. B.; Hoeflich, P.; Diehl, R., 2021, ApJ