

Bibliography from ADS file: bose.bib  
September 14, 2022

- Salvatelli, V., Neuberg, B., Dos Santos, L. F. G., et al.: 2022a, *ML pipeline for Solar Dynamics Observatory (SDO) data*, Zenodo 2022zndo...6954828S [ADS](#)
- Salvatelli, V., dos Santos, L. F. G., Bose, S., et al., “Exploring the Limits of Synthetic Creation of Solar EUV Images via Image-to-Image Translation”, 2022arXiv220809512S [ADS](#)
- Cabello, I., Moreno-Insertis, . Fernando, P., Rouppe van der Voort, L., Bose, S., & Nóbrega Siverio, D., “A textbook example of magnetic flux emergence leading to EBs, UV bursts, surges and EUV signatures”, 2022cosp...44.2531C [ADS](#)
- Bose, S., De Pontieu, B., Rouppe van der Voort, L., & Nóbrega Siverio, D., “On the relationship between spicules and coronal bright points”, 2022cosp...44.2522B [ADS](#)
- Bose, S., “On the dynamics of spicules and mass flows in the solar atmosphere”, 2021arXiv211010656B [ADS](#)
- Bose, S., Rouppe van der Voort, L., Joshi, J., et al., “Evidence of the multi-thermal nature of spicular downflows. Impact on solar atmospheric heating”, 2021A&A...654A...51B [ADS](#)
- Rouppe van der Voort, L. H. M., Joshi, J., Henriques, V. M. J., & Bose, S., “Signatures of ubiquitous magnetic reconnection in the deep atmosphere of sunspot penumbrae”, 2021A&A...648A...54R [ADS](#)
- Dos Santos, L. F. G., Bose, S., Salvatelli, V., et al., “Multichannel autocalibration for the Atmospheric Imaging Assembly using machine learning”, 2021A&A...648A...53D [ADS](#)
- Bose, S., Joshi, J., Henriques, V. M. J., & Rouppe van der Voort, L., “Spicules and downflows in the solar chromosphere”, 2021A&A...647A.147B [ADS](#)
- Bose, S., Henriques, V. M. J., Joshi, J., & Rouppe van der Voort, L., “Characterization and formation of on-disk spicules in the Ca II K and Mg II k spectral lines (Corrigendum)”, 2020A&A...637C...1B [ADS](#)
- Neuberg, B., Bose, S., Salvatelli, V., et al., “Auto-Calibration of Remote Sensing Solar Telescopes with Deep Learning”, 2019arXiv191104008N [ADS](#)
- Salvatelli, V., Bose, S., Neuberg, B., et al., “Using U-Nets to Create High-Fidelity Virtual Observations of the Solar Corona”, 2019arXiv191104006S [ADS](#)
- Bose, S., Henriques, V. M. J., Joshi, J., & Rouppe van der Voort, L., “Characterization and formation of on-disk spicules in the Ca II K and Mg II k spectral lines”, 2019A&A...631L...5B [ADS](#)
- Bose, S., Henriques, V. M. J., Rouppe van der Voort, L., & Pereira, T. M. D., “Semi-empirical model atmospheres for the chromosphere of the sunspot penumbra and umbral flashes”, 2019A&A...627A...46B [ADS](#)
- Bose, S. & Nagaraju, K., “On the Variability of the Solar Mean Magnetic Field: Contributions from Various Magnetic Features on the Surface of the Sun”, 2018ApJ...862...35B [ADS](#)
- Bose, S. & Nagaraju, K., “Role of the background regimes towards the Solar Mean Magnetic Field (SMMF)”, 2018IAUS...340...85B [ADS](#)
- Bose, S., “High Precision Full Stokes Spectropolarimetry of the Sun as a star-Instrument design aspects”, 2016arXiv161001581B [ADS](#)