

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

- Mandal, S., Chitta, L. P., Antolin, P., et al., “What drives decayless kink oscillations in active region coronal loops on the Sun?”, 2022arXiv220904251M ADS
- West, M. J., Seaton, D. B., Wexler, D. B., et al., “Defining the Middle Corona”, 2022arXiv220804485W ADS
- Mandal, S., Chitta, L. P., Peter, H., et al., “A highly dynamic small-scale jet in a polar coronal hole”, 2022A&A...664A...28M ADS
- Chitta, L. P., DeForest, C., Downs, C., Seaton, D., & Higginson, A., “Tracing the Drivers of Slow Solar Wind in the Middle Corona”, 2022cosp...44.1328C ADS
- Peter, H., Berghmans, D., & Chitta, L. P., “Small-scale coronal brightenings as seen by Solar Orbiter”, 2022cosp...44.1323P ADS
- Peter, H., Chitta, L. P., Chen, F., et al., “Parallel Plasma Loops and the Energization of the Solar Corona”, 2022ApJ...933..153P ADS
- Alipour, N., Safari, H., Verbeeck, C., et al., “Automatic detection of small-scale EUV brightenings observed by the Solar Orbiter/EUI”, 2022A&A...663A.128A ADS
- Telloni, D., Zank, G. P., Stangalini, M., et al., “Observation of Magnetic Switch-back in the Solar Corona”, 2022arXiv220603090T ADS
- Kahil, F., Hirzberger, J., Solanki, S. K., et al., “The magnetic drivers of campfires seen by the Polarimetric and Helioseismic Imager (PHI) on Solar Orbiter”, 2022A&A...660A.143K ADS
- Gorman, J., Chitta, L. P., & Peter, H., “Spectroscopic observation of a transition region network jet”, 2022A&A...660A.116G ADS
- Chen, H., Tian, H., Li, L., et al., “Coronal condensation as the source of transition-region supersonic downflows above a sunspot”, 2022A&A...659A.107C ADS
- Breu, C., Peter, H., Cameron, R., et al., “A solar coronal loop in a box: Energy generation and heating”, 2022A&A...658A..45B ADS
- Young, P. R., Viall, N. M., Kirk, M. S., Mason, E. I., & Chitta, L. P., “An Analysis of Spikes in Atmospheric Imaging Assembly (AIA) Data”, 2021SoPh...296..181Y ADS
- Chitta, L. P., Seaton, D., Downs, C., DeForest, C., & Higginson, A., “Tracing the Drivers of Slow Solar Wind in the Middle Corona”, 2021AGUFMSH24C..01C ADS
- Berghmans, D., Auchere, F., Zhukov, A., et al., “Campfires observed by EUI: What have we learned so far?”, 2021AGUFMSH21A..02B ADS
- Mandal, S., Peter, H., Chitta, L. P., et al., “Propagating brightenings in small loop-like structures in the quiet-Sun corona: Observations from Solar Orbiter/EUI”, 2021A&A...656L..16M ADS
- Chitta, L. P., Solanki, S. K., Peter, H., et al., “Capturing transient plasma flows and jets in the solar corona”, 2021A&A...656L..13C ADS
- Fludra, A., Caldwell, M., Giunta, A., et al., “First observations from the SPICE EUV spectrometer on Solar Orbiter”, 2021A&A...656A..38F ADS
- Li, L.-P., Peter, H., Chitta, L. P., & Song, H.-Q., “Revisiting the formation mechanism for coronal rain from previous studies”, 2021RAA...21..255L ADS
- Li, L., Peter, H., Chitta, L. P., & Song, H., “Formation of a Solar Filament by Magnetic Reconnection and Coronal Condensation”, 2021ApJ...919L..21L ADS
- Peter, H., Ballester, E. A., Andretta, V., et al., “Magnetic imaging of the outer solar atmosphere (MImOSA)”, 2021ExA...tmp...95P ADS
- Chitta, L., Priest, E. R., & Cheng, X., “Dynamic Evolution Of A Solar Flare Current Sheet”, 2021AAS...23830301C ADS
- Hudson, H., Briggs, M., Chitta, L., et al., “Characterizing a “Solar FRB””, 2021AAS...23812716H ADS
- Breu, C. A., Peter, H., Cameron, R., et al., “Coronal loops in a box: 3D models of their internal structure, dynamics and heating”, 2021AAS...23810606B ADS
- Chitta, L. P., Priest, E. R., & Cheng, X., “From Formation to Disruption: Observing the Multiphase Evolution of a Solar Flare Current Sheet”, 2021ApJ...911..133C ADS
- Li, L., Peter, H., Chitta, L. P., & Song, H., “On-disk Solar Coronal Condensations Facilitated by Magnetic Reconnection between Open and Closed Magnetic Structures”, 2021ApJ...910...82L ADS
- Chitta, L. P., Peter, H., & Young, P. R., “Extreme-ultraviolet bursts and nanoflares in the quiet-Sun transition region and corona”, 2021A&A...647A.159C ADS
- Li, L., Peter, H., Chitta, L. P., et al., “Magnetic Reconnection between Loops Accelerated By a Nearby Filament Eruption”, 2021ApJ...908..213L ADS
- Peter, H., Alsina Ballester, E., Andretta, V., et al., “Magnetic Imaging of the Outer Solar Atmosphere (MImOSA): Unlocking the driver of the dynamics in the upper solar atmosphere”, 2021arXiv210101566P ADS
- Li, L., Peter, H., Chitta, L. P., & Song, H., “Relation of Coronal Rain Originating from Coronal Condensations to Interchange Magnetic Reconnection”, 2020ApJ...905...26L ADS
- Hu, H., Liu, Y. D., Peter, H., Chitta, L. P., & Wang, R., “Spectroscopic Observations of the Eruption of an Filament and Associated Magnetic Reconnection”, 2020AGUFMSH0010013H ADS
- Chitta, L. P., Peter, H., Priest, E. R., & Solanki, S. K., “Impulsive coronal heating during the interaction of surface magnetic fields in the lower solar atmosphere”, 2020A&A...644A.130C ADS
- Zouganelis, I., De Groof, A., Walsh, A. P., et al., “The Solar Orbiter Science Activity Plan. Translating solar and heliospheric physics questions into action”, 2020A&A...642A..3Z ADS
- Pontin, D. I., Peter, H., & Chitta, L. P., “Non-thermal line broadening due to braiding-induced turbulence in solar coronal loops”, 2020A&A...639A..21P ADS
- Chitta, L. P., Smitha, H. N., & Solanki, S. K., “Solar Photosphere”, in Oxford Research Encyclopedia of Physics, 1 2020rep.bookE...1C ADS
- Chitta, L. P. & Lazarian, A., “Onset of Turbulent Fast Magnetic Reconnection Observed in the Solar Atmosphere”, 2020ApJ...890L...2C ADS
- Li, L., Peter, H., Chitta, L. P., et al., “Repeated Coronal Condensations Caused by Magnetic Reconnection between Solar Coronal Loops”, 2019ApJ...884...34L ADS
- Peter, H., Huang, Y. M., Chitta, L. P., & Young, P. R., “Plasmoid-mediated reconnection in solar UV bursts”, 2019A&A...628A...8P ADS
- Chitta, L. P., Peter, H., & Li, L., “Hot prominence spicules launched from turbulent cool solar prominences”, 2019A&A...627L...5C ADS
- Chitta, L. P., Sukarnadji, A. R. C., Rouppe van der Voort, L., & Peter, H., “Energetics of magnetic transients in a solar active region plage”, 2019A&A...623A.176C ADS
- Syntelis, P., Priest, E. R., & Chitta, L. P., “A Cancellation Nanoflare Model for Solar Chromospheric and Coronal Heating. II. 2D Theory and Simulations”, 2019ApJ...872...32S ADS
- Young, P. R., Tian, H., Peter, H., et al., “Solar Ultraviolet Bursts”, 2018SSRv...214..120Y ADS
- Li, L., Zhang, J., Peter, H., et al., “Quasi-periodic Fast Propagating Magnetoacoustic Waves during the Magnetic Reconnection Between Solar Coronal Loops”, 2018ApJ...868L..33L ADS
- Barczynski, K., Peter, H., Chitta, L. P., & Solanki, S. K., “Emission of solar chromospheric and transition region features related to the underlying magnetic field”, 2018A&A...619A...5B ADS
- Smitha, H. N., Chitta, L. P., Wiegmann, T., & Solanki, S. K., “Observations of solar chromospheric heating at sub-arcsec spatial resolution”, 2018A&A...617A.128S ADS
- Li, L., Zhang, J., Peter, H., et al., “Coronal Condensations Caused by Magnetic Reconnection between Solar Coronal Loops”, 2018ApJ...864L..4L ADS
- Priest, E. R., Chitta, L. P., & Syntelis, P., “A Cancellation Nanoflare Model for Solar Chromospheric and Coronal Heating”, 2018ApJ...862L..24P ADS
- Chitta, L. P., Peter, H., & Solanki, S. K., “Nature of the energy source powering solar coronal loops driven by nanoflares”, 2018A&A...615L...9C ADS
- Chitta, L. P., Peter, H., Young, P. R., & Huang, Y. M., “Compact solar UV burst triggered in a magnetic field with a fan-spine topology”, 2017A&A...605A..49C ADS
- Chitta, L. P., Peter, H., Solanki, S. K., et al., “Solar Coronal Loops Associated with Small-scale Mixed Polarity Surface Magnetic Fields”, 2017ApJS...229...4C ADS
- Chitta, L. P., “Coronal loop footpoints threaded with small-scale mixed polarity surface magnetic fields”, 2017psio.confE..62C ADS
- Chitta, L. P., Peter, H., & Young, P. R., “A closer look at a coronal loop rooted in a sunspot umbra”, 2016A&A...587A..20C ADS
- Peter, H., Warnecke, J., Chitta, L. P., & Cameron, R. H., “Limitations of force-free magnetic field extrapolations: Revisiting basic assumptions”, 2015A&A...584A..68P ADS
- Kharb, P., Das, M., Paragi, Z., Subramanian, S., & Chitta, L. P., “VLBI Imaging of the Double Peaked Emission Line Seyfert KISSR 1494”, 2015ApJ...799..161K ADS
- Chitta, L. P., Kariyappa, R., van Ballegooijen, A. A., DeLuca, E. E., & Solanki, S. K., “Nonlinear Force-free Field Modeling of the Solar Magnetic Carpet and Comparison with SDO/HMI and Sunrise/IMaX Observations”, 2014ApJ...793..112C ADS
- Kumara, S. T., Kariyappa, R., Zender, J. J., et al., “Segmentation of coronal features to understand the solar EUV and UV irradiance variability”, 2014A&A...561A..9K ADS
- Chitta, L. P., Kariyappa, R., van Ballegooijen, A. A., et al., “Observations and Modeling of the Emerging Extreme-ultraviolet Loops in the Quiet Sun as Seen with the Solar Dynamics Observatory”, 2013ApJ...768...32C ADS

- Chitta, L. P., van Ballegoijen, A. A., Rouppe van der Voort, L., DeLuca, E. E., & Kariyappa, R., “*Dynamics of the Solar Magnetic Bright Points Derived from Their Horizontal Motions*”, 2012ApJ...752...48C [ADS](#)
- Chitta, L. P., van Ballegoijen, A., Rouppe van der Voort, L., DeLuca, E., & Kariyappa, R., “*Dynamics of the Photospheric Bright Points Observed With SST and Hinode*”, 2012AAS...22020614C [ADS](#)
- Chitta, L. P., Jain, R., Kariyappa, R., & Jefferies, S. M., “*Observations of the Interaction of Acoustic Waves and Small-scale Magnetic Fields in a Quiet Sun*”, 2012ApJ...744...98C [ADS](#)
- Kumara, S. T., Kariyappa, R., Dominique, M., et al., “*Preliminary Results on Irradiance Measurements from Lyra and Swap*”, 2012AdAst2012E...5K [ADS](#)