

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

- Chintzoglou, G., Cheung, M., & Rempel, M., “Predicted appearance of Magnetic Flux Rope and Sheared Magnetic Arcade Structures before a Coronal Mass Ejection via three-dimensional radiative Magnetohydrodynamic Modeling”, 2022cosp...44.2406C ADS
- Probst, A., Anderson, T., Farrish, A. O., et al., “Sun Sailing Polar Orbiting Telescope (SunSPOT): A solar polar imaging mission design”, 2022AdSpR...70...510P ADS
- Cheung, M. C. M., Martínez-Sykora, J., Testa, P., et al., “Probing the Physics of the Solar Atmosphere with the Multi-slit Solar Explorer (MUSE). II. Flares and Eruptions”, 2022ApJ...926...53C ADS
- De Pontieu, B., Testa, P., Martínez-Sykora, J., et al., “Probing the Physics of the Solar Atmosphere with the Multi-slit Solar Explorer (MUSE). I. Coronal Heating”, 2022ApJ...926...52D ADS
- Cheung, C. M. M., Martínez-Sykora, J., Testa, P., et al., “Probing the Physics of the Solar Atmosphere with the Multi-slit Solar Explorer (MUSE): II. Flares and Eruptions”, 2021AGUFM5H51A...08C ADS
- Chintzoglou, G. & Cheung, C. M. M., “A Mechanism Driving Recurrent Eruptive Activity on the Sun”, 2021AGUFM5H42B...09C ADS
- Chintzoglou, G. & Cheung, M. C., “Homologous Explosive Activity Driven By The Collisional Shearing Mechanism”, 2021AAS...23812709C ADS
- Rempel, M., Cheung, M., & Chintzoglou, G., “Flare simulations with the MURaM radiative MHD code”, 2021cosp...43E1772R ADS
- Kliem, B., Zhang, J., Torok, T., & Chintzoglou, G., “Decay Index Profile and Coronal Mass Ejection Speed”, 2021cosp...43E.997K ADS
- Chintzoglou, G. & Cheung, M., “The Action of the Collisional Shearing Mechanism in Complex Emerging and Developing Active Regions Revealed by SDO and Hinode Observations and Data-Driven Modeling”, 2021cosp...43E.991C ADS
- Chintzoglou, G., De Pontieu, B., Martínez-Sykora, J., et al., “ALMA and IRIS Observations of the Solar Chromosphere. II. Structure and Dynamics of Chromospheric Plages”, 2021ApJ...906...83C ADS
- Chintzoglou, G., De Pontieu, B., Martínez-Sykora, J., et al., “ALMA and IRIS Observations of the Solar Chromosphere. I. An On-disk Type II Spicule”, 2021ApJ...906...82C ADS
- Barnes, W. T., Cheung, M. C. M., Bobra, M. G., et al.: 2020, aiapy, Zenodo 2020zndo...4315741B ADS
- Rempel, M., Chintzoglou, G., & Cheung, C. M. M., “Flare Simulations with the MURaM Radiative MHD Code”, 2020AGUFM5H0500004R ADS
- Chintzoglou, G., Anderson, T., Akhavan-Tafti, M., et al., “A Mission Concept for a Solar Observatory in a Highly-Inclined Heliocentric Orbit - Demystifying the Magnetic Nature and Activity of our Star”, 2020AGUFM5H0110006C ADS
- Chintzoglou, G., De Pontieu, B., Martínez-Sykora, J., et al., “ALMA and IRIS Observations Highlighting the Dynamics and Structure of Chromospheric Plage”, 2020AGUFM5H0010009C ADS
- Barnes, W. T., Cheung, M. C. M., Bobra, M. G., et al.: 2020, aiapy: A Python Package for Analyzing Solar EUV Image Data from AIA, Zenodo 2020zndo...4274931B ADS
- Patsourakos, S., Vourlidas, A., Török, T., et al., “Decoding the Pre-Eruptive Magnetic Field Configurations of Coronal Mass Ejections”, 2020SSRv...216...131P ADS
- Barnes, W., Cheung, M., Bobra, M., et al., “aiapy: A Python Package for Analyzing Solar EUV Image Data from AIA”, 2020JOSS...5.2801B ADS
- Roupe van der Voort, L. H. M., De Pontieu, B., Carlsson, M., et al., “High-resolution observations of the solar photosphere, chromosphere, and transition region. A database of coordinated IRIS and SST observations”, 2020A&A...641A.146R ADS
- Barnes, W. T., Cheung, M. C. M., Padmanabhan, N., et al.: 2020, aiapy, Zenodo 2020zndo...4016983B ADS
- Martínez-Sykora, J., De Pontieu, B., de la Cruz Rodríguez, J., & Chintzoglou, G., “The Formation Height of Millimeter-wavelength Emission in the Solar Chromosphere”, 2020ApJ...891L...8M ADS
- da Silva Santos, J. M., de la Cruz Rodríguez, J., Leenaarts, J., et al., “The multi-thermal chromosphere. Inversions of ALMA and IRIS data”, 2020A&A...634A...56D ADS
- Cheung, M. C. M., Rempel, M., Chintzoglou, G., et al., “A comprehensive three-dimensional radiative magnetohydrodynamic simulation of a solar flare”, 2019NatAs...3...160C ADS
- Chintzoglou, G. & Cheung, M., “Measuring and Characterizing the Importance of Magnetic Flux Cancellation in Solar Active Regions during their Emergence Phase”, 2019AAS...23440202C ADS
- Cheung, M., Rempel, M. D., Chintzoglou, G., et al., “Radiative MHD Simulation of a Solar Flare”, 2019AAS...23431005C ADS
- Patsourakos, S., Vourlidas, A., Anthiochos, S. K., et al., “Sheared Magnetic Arcades and the Pre-eruptive Magnetic Configuration of Coronal Mass Ejections: Diagnostics, Challenges and Future Observables”, 2019shin.confE.194P ADS
- Chintzoglou, G. & Cheung, M. C. M., “Detection of Strong Photospheric Downflows Accompanying Magnetic Cancellation in Collisional Polarity Inversion Lines of Flare- and CME-Productive Active Regions”, 2019shin.confE...38C ADS
- Chintzoglou, G., Zhang, J., Cheung, M. C. M., & Kazachenko, M., “The Origin of Major Solar Activity: Collisional Shearing Between Nonconjugated Polarities of Multiple Bipoles Emerging within Active Regions”, 2019ApJ...871...67C ADS
- Chintzoglou, G., Zhang, J., Cheung, M. C. M., & Kazachenko, M., “The Origin of Major Solar Activity - Collisional Shearing Between Nonconjugated Polarities of Different Bipoles Nested Within Active Regions”, 2018csc...confE...18C ADS
- Chintzoglou, G., Zhang, J., Cheung, M. C. M., & Kazachenko, M., “The Origin of Major Solar Activity - Magnetic Flux Cancellation due to Collisional Shearing Between Polarities of Different Bipoles Nested Within Active Regions”, 2018shin.confE.146C ADS
- Zhang, J., Chintzoglou, G., & Dhakal, S., “Compound Solar Eruptions and the Causes”, 2018cosp...42E3830Z ADS
- Chintzoglou, G. & Zhang, J., “The Origin of Major Solar Activity - Collisional Shearing Between Nonconjugated Polarities in Solar Active Regions”, 2018cosp...42E.636C ADS
- Bastian, T. S., Chintzoglou, G., De Pontieu, B., et al., “Erratum: textquotedblleft A First Comparison of Millimeter Continuum and Mg II Ultraviolet Line Emission from the Solar Chromosphere textquotedblright (2017, ApJL, 845, L19””, 2018ApJ...860L...16B ADS
- Dhakal, S. K., Chintzoglou, G., & Zhang, J., “A Study of a Compound Solar Eruption with Two Consecutive Erupting Magnetic Structures”, 2018ApJ...860...35D ADS
- Chintzoglou, G., De Pontieu, B., Martínez-Sykora, J., et al., “Bridging the Gap: Capturing the Ly α Counterpart of a Type-II Spicule and Its Heating Evolution with VAULT2.0 and IRIS Observations”, 2018ApJ...857...73C ADS
- Zhou, Z., Zhang, J., Wang, Y., Liu, R., & Chintzoglou, G., “Toward Understanding the 3D Structure and Evolution of Magnetic Flux Ropes in an Extremely Long Duration Eruptive Flare”, 2017ApJ...851...133Z ADS
- Chintzoglou, G., De Pontieu, B., Martínez-Sykora, J., et al., “Bridging the Gap: Capturing the Ly α Counterpart of a Type-II Spicule and its Heating Evolution with VAULT2.0 and IRIS Campaign Observations”, 2017AGUFM5H43A2794C ADS
- De Pontieu, B., Martínez-Sykora, J., De Moortel, I., Chintzoglou, G., & McIntosh, S. W., “Observations and Modeling of Transition Region and Coronal Heating Associated with Spicules”, 2017AGUFM5H43A2793D ADS
- De Pontieu, B., Martínez-Sykora, J., & Chintzoglou, G., “What Causes the High Apparent Speeds in Chromospheric and Transition Region Spicules on the Sun?”, 2017ApJ...849L...7D ADS
- Rempel, M. D., Cheung, M., Chintzoglou, G., et al., “Realistic radiative MHD simulation of a solar flare”, 2017SPD...4840001R ADS
- Chintzoglou, G., Cheung, M., & Rempel, M. D., “3D Collision of Active Region-Sized Emerging Flux Tubes in the Solar Convection Zone and its Manifestation in the Photospheric Surface”, 2017SPD...4830004C ADS
- Bastian, T. S., Chintzoglou, G., De Pontieu, B., et al., “A First Comparison of Millimeter Continuum and Mg II Ultraviolet Line Emission from the Solar Chromosphere”, 2017ApJ...845L...19B ADS
- Nikou, E., Zhang, J., & Chintzoglou, G., “On the First Eruption of Emerging Active Regions”, 2017shin.confE.161N ADS
- Chintzoglou, G., Vourlidas, A., Savcheva, A., et al., “Magnetic Flux Rope Shredding By a Hyperbolic Flux Tube: The Detrimental Effects of Magnetic Topology on Solar Eruptions”, 2017ApJ...843...93C ADS
- Kliem, B., Chintzoglou, G., Torok, T., Zhang, J., & Downs, C., “Magnetic Source Region Characteristics Influencing the Velocity of Solar Eruptions in the Corona”, 2016AGUFM5H13B2292K ADS
- Moraitis, K., Toutountzi, A., Isliker, H., et al., “An observationally-driven kinetic approach to coronal heating”, 2016A&A...596A...56M ADS
- Chintzoglou, G., Cheung, M. C. M., & De Pontieu, B., “Investigation of the role of magnetic cancellation in triggering solar eruptions in NOAA ARI2017”, 2016usc...confE.121C ADS
- Chintzoglou, G., Stenborg, G., Savcheva, A., et al., “Magnetic Flux Rope Shredding by Quasi-Separatrix Layers: The Detrimental Effects of Magnetic Topology on Solar Eruptions”, 2016cosp...41E.348C ADS
- Chintzoglou, G., “A Study of Solar Magnetic Fields Below the Surface, at the Surface, and in the Solar Atmosphere - Understanding the Cause of Major Solar Activity”, 2016SPD...4730503C ADS
- Chintzoglou, G.: 2016b, “A study of solar magnetic fields below the surface, at the surface, and in the solar atmosphere textendash understanding the cause of major solar activity”, Ph.D. thesis, George Mason University, Virginia 2016PhDT.....14C ADS

Vourlidas, A., Beltran, S. T., Chintzoglou, G., et al., “Investigation of the Chromosphere-Corona Interface with the Upgraded Very High Angular Resolution Ultraviolet Telescope (VAULT2.0)”, 2016JAI...540003V ADS

Patsourakos, S., Georgoulis, M. K., Vourlidas, A., et al., “The Major Geoeffective Solar Eruptions of 2012 March 7: Comprehensive Sun-to-Earth Analysis”, 2016ApJ...817...14P ADS

Louis, R. E., Kliem, B., Ravindra, B., & Chintzoglou, G., “Triggering an Eruptive Flare by Emerging Flux in a Solar Active-Region Complex”, 2015SoPh...290.3641L ADS

Chintzoglou, G., Patsourakos, S., & Vourlidas, A., “Formation of Magnetic Flux Ropes during a Confined Flaring Well before the Onset of a Pair of Major Coronal Mass Ejections”, 2015ApJ...809...34C ADS

Zhang, J., Dhakal, S., & Chintzoglou, G., “A Tale of Two Super-Active Active Regions: On the Magnetic Origin of Flares and CMEs”, 2015TESS...140801Z ADS

Chintzoglou, G., Vourlidas, A., Tun-Beltran, S., & Stenborg, G., “Investigation of a failed Filament Eruption During the VAULT2.0 Campaign Observations”, 2015TESS...130217C ADS

Zhou, Z., Zhang, J., & Chintzoglou, G., “The Physical Processes of Eruptive Flares Revealed By An Extremely-Long-Duration Event”, 2015TESS...121005Z ADS

Chintzoglou, G., Patsourakos, S., & Vourlidas, A., “Independent CMEs from a Single Solar Active Region - The Case of the Super-Eruptive NOAA AR11429”, 2014AAS...22432328C ADS

Zhang, J. & Chintzoglou, G., “An Innovative Technique of Reconstructing 3-D magnetic Field Structure in the Sub-photosphere and the Corona of the Sun”, 2014cosp...40E3782Z ADS

Chintzoglou, G., “Reconstructing the Subsurface Three-dimensional Magnetic Structure of a Solar Active Region Using SDO/HMI Observations”, 2013hell.conf...5C ADS

Chintzoglou, G., Zhang, J., & Liu, Y., “Time Dependence of Joy’s Law for Emerging Active Regions”, 2013SPD...44...107C ADS

Chintzoglou, G., “Time Dependence of Joy’s Law for Emerging Active Regions”, 2013shin.confE...93C ADS

Chintzoglou, G. & Zhang, J., “Reconstructing the Subsurface Three-Dimensional Magnetic Structure of A Solar Active Region Using SDO/HMI Observations”, 2013enss.confE...5C ADS

Chintzoglou, G. & Zhang, J., “Reconstructing the Subsurface Three-dimensional Magnetic Structure of a Solar Active Region Using SDO/HMI Observations”, 2013ApJ...764L...3C ADS

Chintzoglou, G. & Zhang, J., “The Three-Dimensional Reconstruction of the AR 11158 During its Emergence Phase Using SDO/HMI Observations”, 2012AAS...22020624C ADS

Chintzoglou, G. & Zhang, J., “A Revisit of Hale’s and Joy’s Laws of Active Regions Using SOHO MDI Observations”, 2011shin.confE...66C ADS

Chintzoglou, G. & Zhang, J., “A Revisit of Hale’s and Joy’s Laws of Active Regions Using SOHO MDI Observations”, 2011SPD...42.1710C ADS