

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

- Jin, M., Petrosian, V., Liu, W., et al., "Probing the Puzzle of Behind-the-limb γ -Ray Flares: Data-driven Simulations of Magnetic Connectivity and CME-driven Shock Evolution", 2018ApJ...867..122J ADS
- Liu, W., Effenberger, F., Petrosian, V., et al., "High-Energy Aspects of Solar Flares: Recent Advances in Observations and Models", 2018cosp...42E2050L ADS
- Jin, M., Petrosian, V., Liu, W., et al., "Data-driven Simulations of Magnetic Connectivity in Behind-the-Limb Gamma-ray Flares and Associated Coronal Mass Ejections", 2017AGUFM44B...03J ADS
- Rubio da Costa, F., Effenberger, F., & Kleint, L., "The connection between X-ray and coronal emission measure in solar limb flares as a diagnostic of non-thermal particle acceleration and heating processes", 2017AGUFM41A2747R ADS
- Effenberger, F., Krucker, S., & Rubio da Costa, F., "The size of coronal hard X-ray sources in solar flares: How big are they?", 2017AGUFM41A2746E ADS
- Rubio da Costa, F. & Kleint, L., "A Parameter Study for Modeling Mg II h and k Emission during Solar Flares", 2017ApJ...842...82R ADS
- Ackermann, M., Allafort, A., Baldini, L., et al., "Fermi-LAT Observations of High-energy Behind-the-limb Solar Flares", 2017ApJ...835..219A ADS
- Effenberger, F., Rubio da Costa, F., Oka, M., et al., "Hard X-Ray Emission from Partially Occulted Solar Flares: RHESSI Observations in Two Solar Cycles", 2017ApJ...835..124E ADS
- Omodei, N., Pesce-Rollins, M., Petrosian, V., et al., "Fermi Large Area Telescope Observations of High-Energy Gamma-ray Emission From Behind-the-limb Solar Flares", 2017APS...APR.Y30050 ADS
- Effenberger, F., Rubio da Costa, F., Oka, M., et al., "Hard X-Ray Observations of Coronal Sources: Implications for Particle Acceleration", 2016AGUFM51E2634E ADS
- Omodei, N., Pesce-Rollins, M., Petrosian, V., Liu, W., & Rubio da Costa, F., "Particle Acceleration in High-Energy Solar Flares Detected by the Fermi Large Area Telescope", 2016AGUFM41D...020 ADS
- Effenberger, F., Rubio da Costa, F., & Petrosian, V., "Hard X-ray morphology of the X1.3 April 25, 2014 partially occulted limb solar flare", 2016JPhCS.767a2005E ADS
- Rubio da Costa, F., Kleint, L., Petrosian, V., Liu, W., & Allred, J. C., "Data-driven Radiative Hydrodynamic Modeling of the 2014 March 29 X1.0 Solar Flare", 2016ApJ...827...38R ADS
- Rubio Da Costa, F., Kleint, L., Petrosian, V., Liu, W., & Allred, J. C., "Understanding the formation of the Mg II h&k lines during solar flares", 2016SPD...4740304R ADS
- Rubio da Costa, F., Kleint, L., Sainz Dalda, A., Petrosian, V., & Liu, W., "A self-consistent combined radiative transfer hydrodynamic and particle acceleration model for the X1.0 class flare on March 29, 2014", 2015AGUFM31B2419R ADS
- Rubio da Costa, F., Liu, W., Petrosian, V., & Carlsson, M., "Combined Modeling of Acceleration, Transport, and Hydrodynamic Response in Solar Flares. II. Inclusion of Radiative Transfer with RADYN", 2015ApJ...813..133R ADS
- Omodei, N., Pesce-Rollins, M., Petrosian, V., Liu, W., & Rubio da Costa, F., "Fermi Large Area Telescope observation of high-energy solar flares: constraining emission scenarios", 2015IAUGA...22554150 ADS
- Pesce-Rollins, M., Omodei, N., Petrosian, V., et al., "Fermi Large Area Telescope observations of high-energy gamma-ray emission from behind-the-limb solar flares", 2015ICRC...34..128P ADS
- Pesce-Rollins, M., Omodei, N., Petrosian, V., et al., "First Detection of ≥ 100 MeV Gamma Rays Associated with a Behind-the-limb Solar Flare", 2015ApJ...805L..15P ADS
- Rubio da Costa, F., Kleint, L., Petrosian, V., Sainz Dalda, A., & Liu, W., "Solar Flare Chromospheric Line Emission: Comparison Between IBIS High-resolution Observations and Radiative Hydrodynamic Simulations", 2015ApJ...804...56R ADS
- Rubio da Costa, F., Kleint, L., & Petrosian, V., "Electron Acceleration and Radiative Hydrodynamic Simulations of the 29 March 2014 X1.0 flare", 2015TESS...130205R ADS
- Petrosian, V., Omodei, N., Pesce-Rollins, M., Rubio da Costa, F., & Liu, W., "Observations and Interpretation of Behind the Limb Solar Flares Detected by Fermi-LAT and Other Instruments", 2015TESS...120505P ADS
- Omodei, N., Petrosian, V., Liu, W., et al., "Shedding new light on the Sun with the Fermi LAT", 2015arXiv1502038950 ADS
- Rubio da Costa, F., Solanki, S. K., Danilovic, S., Hizberger, J., & Martínez-Pillet, V., "Centre-to-limb properties of small, photospheric quiet-Sun jets", 2015A&A...574A..95R ADS
- Rubio da Costa, F., Kleint, L., Liu, W., Sainz Dalda, A., & Petrosian, V., "Comparison between IBIS Observations and Radiative Transfer Hydrodynamic Simulations of a Solar Flare", 2014AGUFM31B4104R ADS
- Pesce-Rollins, M., Omodei, N., Petrosian, V., et al., "Fermi Detection of Gamma-ray Emission from a Behind-the-limb M1.5 Flare on 2013 October 11", 2014shin.confE...91P ADS
- Pesce-Rollins, M., Omodei, N., Petrosian, V., et al., "Fermi Detection of Gamma-ray Emission from a Behind-the-limb M1.5 Flare on 2013 October 11", 2014AAS...22441404P ADS
- Rubio Da Costa, F., Petrosian, V., Liu, W., Carlsson, M., & Kleint, L., "Hybrid Kinetic and Radiative Hydrodynamic Simulations of Solar Flares and Comparison With Multiwavelength Observations", 2014AAS...22440906R ADS
- Rubio Da Costa, F., Zuccarello, F., Fletcher, L., et al., "A new approach to model particle acceleration and energy transfer in solar flares", 2013SPD...4440401R ADS
- Rubio da Costa, F., Zuccarello, F., Fletcher, L., Romano, P., & Labrosse, N., "The role of filament activation in a solar eruption", 2012A&A...539A..27R ADS
- Rubio da Costa, F., Zuccarello, F., Fletcher, L., et al., "Solar flares in Halpha and Ly-alpha: observations vs simulations.", 2012MSAIS...19..117R ADS
- Rubio da Costa, F., Zuccarello, F., Romano, P., Fletcher, L., & Labrosse, N., "Relationship between an M6.6 solar flare and subsequent filament activations.", 2012MSAIS...19..113R ADS
- Cannavo, F., Spampinato, C., Giordano, D., Rubio da Costa, F., & Nunnari, S., "Detection of Active Regions in Solar Images Using Visual Attention", in Digital Information and Communication Technology and Its Applications, Vol. 166, 231–241 2011dict.book..231C ADS
- Rubio da Costa, F., Zuccarello, F., Labrosse, N., et al., "Solar flares: observations vs simulations", 2011IAUS...274..182R ADS
- Rubio da Costa, F.: 2011, "Solar Chromospheric Flares: Observations in Ly-alpha and H-alpha and Radiative Hydrodynamic Simulations", Ph.D. thesis, Max-Planck-Institute for Solar System Research, Lindau 2011PhDT.....11R ADS
- Rubio da Costa, F., Fletcher, L., Labrosse, N., & Zuccarello, F., "Integrated Ly-alpha intensity emission in ribbon flares", 2010MSAIS...14..193R ADS
- Rubio da Costa, F., Fletcher, L., Labrosse, N., & Zuccarello, F., "Observations of a solar flare and filament eruption in Lyman α and X-rays", 2009A&A...507.1005R ADS
- Romano, P., Zuccarello, F., Fletcher, L., et al., "Evolution of an eruptive flare loop system", 2009A&A...498..901R ADS
- Moreels, G., Clairemidi, J., Favier, M., et al., "Near-infrared sky background fluctuations at mid- and low latitudes", 2008ExA...22...87M ADS
- Rubio da Costa, F., Fletcher, L., Labrosse, N., & Zuccarello, F., "Investigation of Lyman α Emission in a Solar Flare", 2008ESPM...12..2.64R ADS