

Bibliography from ADS file: mikic.bib
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- Pelouze, G., Auchère, F., Bocchialini, K., et al., “The role of asymmetries in coronal rain formation during thermal non-equilibrium cycles”, 2022A&A...658A...71P [ADS](#)
- Amari, T., Luciani, J.-F., Aly, J.-J., et al., “Necessary Conditions for a Hot Quiet Sun Atmosphere: Chromospheric Flares and Low Corona Twisted Flux Rope Eruptions”, 2021AGUFM12B...05A [ADS](#)
- Mikic, Z., Caplan, R. M., Linker, J. A., & Stulajter, M.: 2021, “Reproducibility package for running the DIFFUSE test cases from “Can Fortran’s ‘do concurrent’ replace directives for accelerated computing”, Zenodo 2021zndo...5253520M [ADS](#)
- Caplan, R. M., Downs, C., Linker, J. A., & Mikic, Z., “Variations in Finite-difference Potential Fields”, 2021ApJ...915...44C [ADS](#)
- Lionello, R., Titov, V. S., Mikić, Z., & Linker, J. A., “Slip-back Mapping as a Tracker of Topological Changes in Evolving Magnetic Configurations”, 2020ApJ...891...14L [ADS](#)
- Reeves, K. K., Török, T., Mikić, Z., Linker, J., & Murphy, N. A., “Exploring Plasma Heating in the Current Sheet Region in a Three-dimensional Coronal Mass Ejection Simulation”, 2019ApJ...887...103R [ADS](#)
- Lionello, R., Titov, V. S., Linker, J., & Mikic, Z., “Tracking Topological Changes in MHD Simulations using Slip-Back Mapping”, 2019AGUFM15B3379L [ADS](#)
- Torok, T., Linton, M., Leake, J. E., et al., “Solar Eruptions Triggered by Flux Emergence”, 2019AGUFM15B3390T [ADS](#)
- Lamy, P., Floyd, O., Mikić, Z., & Riley, P., “Validation of MHD Model Predictions of the Corona with LASCO-C2 Polarized Brightness Images”, 2019SoPh...294...162L [ADS](#)
- Riley, P., Linker, J. A., Mikić, Z., et al., “Can an Unobserved Concentration of Magnetic Flux Above the Poles of the Sun Resolve the Open Flux Problem?”, 2019ApJ...884...18R [ADS](#)
- Linker, J. A., Downs, C., Caplan, R. M., et al., “Bounding the Energy of Solar Eruptions”, 2019AAS...23431704L [ADS](#)
- Titov, V. S., Lionello, R., Mikić, Z., & Linker, J. A., “Slip-Back Mapping as a Tracker of Topological Changes in Evolving Magnetic Configurations”, 2019shin.confE.116T [ADS](#)
- Caplan, R. M., Linker, J. A., Mikić, Z., et al., “GPU Acceleration of an Established Solar MHD Code using OpenACC”, 2019JPhCS1225a2012C [ADS](#)
- Riley, P., Downs, C., Linker, J. A., et al., “Predicting the Structure of the Solar Corona and Inner Heliosphere during Parker Solar Probe’s First Perihelion Pass”, 2019ApJ...874L...15R [ADS](#)
- Schwadron, N. A., Cooper, J. F., Desai, M., et al., “Particle Radiation Sources, Propagation and Interactions in Deep Space, at Earth, the Moon, Mars, and Beyond: Examples of Radiation Interactions and Effects”, in D. Baker, A. Balogh, T. Gombosi, H. E. J. Koskinen, A. Veronig, and R. von Steiger (Eds.), The Scientific Foundation of Space Weather. Series: Space Sciences Series of ISSI, Vol. 67, 257–294 2019sfsw.book...257S [ADS](#)
- Lionello, R., Downs, C., Linker, J. A., et al., “Ion Charge States in a Time-Dependent Wave-Turbulence-Driven Model of the Solar Wind”, 2019SoPh...294...13L [ADS](#)
- Winebarger, A. R., Lionello, R., Downs, C., Mikić, Z., & Linker, J., “Identifying Observables That Can Differentiate Between Impulsive and Footpoint Heating: Time Lags and Intensity Ratios”, 2018ApJ...865...111W [ADS](#)
- Yeates, A. R., Amari, T., Contopoulos, I., et al., “Global Non-Potential Magnetic Models of the Solar Corona During the March 2015 Eclipse”, 2018SSRv...214...99Y [ADS](#)
- Mikić, Z., Downs, C., et al., “Predicting the corona for the 21 August 2017 total solar eclipse”, 2018NatAs...2...913M [ADS](#)
- Caplan, R. M., Downs, C., Linker, J. A., & Mikic, Z., “Effect of Coronal Hole Obscuration on Open Flux Measurements”, 2018shin.confE.254C [ADS](#)
- Torok, T., Linker, J., Mikic, Z., et al., “Using MHD Simulations for Space-Weather Forecasting: Where do we Stand?”, 2018cosp...42E3415T [ADS](#)
- Titov, V., Linker, J., Mikić, Z., et al., “Generalizing the RBSL-method for Flux Ropes with Various Current Profiles and Nonzero External Axial Field”, 2018cosp...42E3391T [ADS](#)
- Downs, C., Linker, J., Mikic, Z., & Lionello, R., “Solar EUV Irradiance: a Coronal Modeling Perspective”, 2018tess.conf40902D [ADS](#)
- Linker, J., Mikic, Z., Downs, C., et al., “Partially Open Fields and Solar Eruptions”, 2018tess.conf10905L [ADS](#)
- Torok, T., Downs, C., Linker, J. A., et al., “Sun-To-Earth MHD Simulation of the 14 JULY 2000 “Bastille Day” Eruption”, 2018EGUGA...20.5564T [ADS](#)
- Török, T., Downs, C., Linker, J. A., et al., “Sun-to-Earth MHD Simulation of the 2000 July 14 textquotedblleftBastille Daytextquotedblright Eruption”, 2018ApJ...856...75T [ADS](#)
- Froment, C., Auchère, F., Mikić, Z., et al., “On the Occurrence of Thermal Nonequilibrium in Coronal Loops”, 2018ApJ...855...52F [ADS](#)
- Titov, V. S., Downs, C., Mikić, Z., et al., “Regularized Biot-Savart Laws for Modeling Magnetic Flux Ropes”, 2018ApJ...852L...21T [ADS](#)
- Linker, J., Downs, C., Caplan, R. M., et al., “Can Polar Fields Explain Missing Open Flux?”, 2017AGUFM15A...02L [ADS](#)
- Torok, T., Lionello, R., Mikic, Z., Downs, C., & Titov, V. S., “3D MHD Modeling of Prominence Formation by Plasma Evaporation and Condensation”, 2017AGUFM14C...07T [ADS](#)
- Plunkett, S. P., Howard, R., Chua, D. H., et al., “The Wide-Field Imager for the Parker Solar Probe Mission (WISPR)”, 2017AGUFM12B23D2693P [ADS](#)
- Howard, R., Colaninno, R. C., Plunkett, S. P., et al., “The Solar Orbiter Heliospheric Imager (SoloHI) for the Solar Orbiter Mission”, 2017AGUFM12B23D2681H [ADS](#)
- Downs, C., Mikic, Z., Caplan, R. M., et al., “Modeling the 21 August 2017 Total Solar Eclipse: Prediction Results and New Techniques”, 2017AGUFM13B2475D [ADS](#)
- Titov, V. S., Downs, C., Mikić, Z., Torok, T., & Linker, J., “Regularized Biot-Savart Laws for Modeling Magnetic Configurations with Flux Ropes”, 2017AGUFM12A...06T [ADS](#)
- Reeves, K., Mikic, Z., Torok, T., Linker, J., & Murphy, N. A., “Thermal energy creation and transport and X-ray/EUV emission in a thermodynamic MHD CME simulation”, 2017AGUFM11C...07R [ADS](#)
- Lionello, R., Riley, P., Torok, T., et al., “Ion Charge States in the July 14, 2000 CME: MHD Simulations”, 2017AGUFM11B2438L [ADS](#)
- Schwadron, N. A., Cooper, J. F., Desai, M., et al., “Particle Radiation Sources, Propagation and Interactions in Deep Space, at Earth, the Moon, Mars, and Beyond: Examples of Radiation Interactions and Effects”, 2017SSRv...212.1069S [ADS](#)
- Shen, C., Raymond, J. C., Mikić, Z., et al., “Time-dependent Ionization in a Steady Flow in an MHD Model of the Solar Corona and Wind”, 2017ApJ...850...26S [ADS](#)
- Linker, J. A., Caplan, R. M., Downs, C., et al., “The Open Flux Problem”, 2017ApJ...848...70L [ADS](#)
- Titov, V., Downs, C., Mikic, Z., Torok, T., & Linker, J. A., “Regularized Biot-Savart Laws for Modeling Magnetic Flux Ropes”, 2017SPD...4840606T [ADS](#)
- Hoeksema, J. T., Liu, Y., Sun, X., Titov, V., & Mikic, Z., “Q-Maps of the Solar Corona for Two Solar Cycles - 1996-2017”, 2017SPD...4830105H [ADS](#)
- Linker, J. A., Downs, C., Caplan, R. M., et al., “Where is the Open Flux?”, 2017SPD...4830103L [ADS](#)
- Downs, C., Mikic, Z., Linker, J. A., et al., “New Techniques Used in Modeling the 2017 Total Solar Eclipse: Energizing and Heating the Large-Scale Corona”, 2017SPD...4820802D [ADS](#)
- Mikic, Z., Downs, C., Linker, J. A., et al., “Prediction of the Solar Corona for the 2017 August 21 Total Solar Eclipse”, 2017SPD...4820801M [ADS](#)
- Caplan, R. M., Downs, C., Linker, J. A., & Mikic, Z., “Using Coronal Hole Maps to Constrain MHD Models”, 2017SPD...4810607C [ADS](#)
- Titov, V. S., Mikić, Z., Török, T., Linker, J. A., & Panasenco, O., “2010 August 1-2 Sympathetic Eruptions. II. Magnetic Topology of the MHD Background Field”, 2017ApJ...845...141T [ADS](#)
- Sun, X., Hoeksema, T., Liu, Y., Mikic, Z., & Titov, V., “Q-Maps: A Synoptic Data Product for Investigating Coronal Connectivity”, 2017shin.confE...73S [ADS](#)
- Linker, J. A., Downs, C., Caplan, R. M., et al., “Open Magnetic Flux and the Slow Solar Wind”, 2017shin.confE...71L [ADS](#)
- Lionello, R., Riley, P., Mikic, Z., et al., “Ion Charge States in the Solar Wind and Coronal Mass Ejections: MHD Simulations”, 2017shin.confE...18L [ADS](#)
- Caplan, R. M., Mikić, Z., Linker, J. A., & Lionello, R., “Advancing parabolic operators in thermodynamic MHD models: Explicit super time-stepping versus implicit schemes with Krylov solvers”, 2017JPhCS.837a2016C [ADS](#)
- Froment, C., Auchère, F., Aulanier, G., et al., “Long-period Intensity Pulsations in Coronal Loops Explained by Thermal Non-equilibrium Cycles”, 2017ApJ...835...272F [ADS](#)
- Vourlidas, A., Howard, R. A., Plunkett, S. P., et al., “The Wide-Field Imager for Solar Probe Plus (WISPR)”, 2016SSRv...204...83V [ADS](#)
- Downs, C., Lionello, R., Mikić, Z., Linker, J. A., & Velli, M., “Closed-field Coronal Heating Driven by Wave Turbulence”, 2016ApJ...832...180D [ADS](#)
- Linker, J., Downs, C., Caplan, R. M., et al., “Data-Driven Models of the Solar Corona and Solar Wind”, 2016AGUFM13A...02L [ADS](#)
- Lionello, R., Torok, T., Titov, V. S., et al., “The Impact of Coronal Jets on the Solar Wind and Magnetic Structures in the Inner Heliosphere”, 2016AGUFM15B3A...06L [ADS](#)
- Mikic, Z., Titov, V. S., Lionello, R., et al., “Tracking Changes in Magnetic Topology in MHD Simulations”, 2016AGUFM14B2570M [ADS](#)
- Torok, T., Downs, C., Linker, J., et al., “Sun-to-Earth MHD Modeling of Powerful Solar Eruptions”, 2016AGUFM14A...05T [ADS](#)

- Titov, V. S., Mikić, Z., Torok, T., & Linker, J., “A Thin-Flux-Rope Approximation as a Basis for Modeling of Pre- and Post-Eruptive Magnetic Configurations”, 2016AGUFMSH13C2313T ADS
- Sun, X., Hoeksema, J. T., Liu, Y., Mikić, Z., & Titov, V. S., “Q-Maps: A New Synoptic Data Product for Investigating Dynamic Coronal Connectivity”, 2016AGUFMSH13C2312S ADS
- Downs, C., Titov, V. S., Jiong, Q., et al., “Core Dimming Regions as Probes of Magnetic Connectivity and Reconfiguration.”, 2016AGUFMSH12B.05D ADS
- Schwadron, N., Gorby, M., Linker, J., et al., “Radiation Environments for Future Human Exploration Throughout the Solar System.”, 2016AGUFMSA41B2371S ADS
- Lionello, R., Török, T., Titov, V. S., et al., “The Contribution of Coronal Jets to the Solar Wind”, 2016ApJ...831L...2L ADS
- Winebarger, A. R., Lionello, R., Downs, C., et al., “An Investigation of Time Lag Maps Using Three-dimensional Simulations of Highly Stratified Heating”, 2016ApJ...831...172W ADS
- Linker, J., Downs, C., Lionello, R., et al., “Are Dynamical Sources Essential for the Production of the Ambient Solar Wind?”, 2016usc.confE..70L ADS
- Froment, C., Auchère, F., Aulanier, G., et al., “Long-period Intensity Pulsations as the Manifestation of the Heating Stratification and Timescale in Coronal Loops”, 2016usc.confE..47F ADS
- Lionello, R., Török, T., Titov, V., et al., “The Thermodynamics of Coronal Jets and Their Contribution to the Solar Wind”, 2016usc.confE..11L ADS
- Titov, V. S., Mikić, Z., Downs, C., et al., “Field Line Structure of Separatrix and Quasi-Separatrix Magnetic Surfaces in the Solar Corona”, 2016shin.confE.132T ADS
- Shen, C., Raymond, J. C., Mikić, Z., Linker, J. A., & Reeves, K. K., “The non-equilibrium ionization modeling of the CME in a 3D simulated model”, 2016shin.confE..47S ADS
- Lionello, R., Torok, T., Titov, V., et al., “The Contribution of Jets to Coronal and Solar Wind Energetics: MHD Simulations”, 2016SPD...4740202L ADS
- Sun, X., Hoeksema, J. T., Liu, Y., Mikić, Z., & Titov, V., “Q-Maps: A New Synoptic Data Product for Investigating Dynamic Coronal Connectivity”, 2016SPD...47.1011S ADS
- Torok, T., Lionello, R., Titov, V. S., et al., “Modeling Jets in the Corona and Solar Wind”, 2016EGUGA..18.2692T ADS
- Török, T., Lionello, R., Titov, V. S., et al., “Modeling Jets in the Corona and Solar Wind”, 2016ASPC..504..185T ADS
- Lionello, R., Alexander, C. E., Winebarger, A. R., Linker, J. A., & Mikić, Z., “Can Large Time Delays Observed in Light Curves of Coronal Loops Be Explained in Impulsive Heating?”, 2016ApJ...818..129L ADS
- Mok, Y., Mikić, Z., Lionello, R., Downs, C., & Linker, J. A., “A Three-dimensional Model of Active Region 7986: Comparison of Simulations with Observations”, 2016ApJ...817...15M ADS
- Linker, J., Downs, C., Torok, T., et al., “How Much Energy Can Be Stored in Solar Active Region Magnetic Fields?”, 2015AGUFMSH52A.08L ADS
- Titov, V. S., Mikić, Z., Torok, T., et al., “Slip versus Field-Line Mapping in Describing 3D Reconnection of Coronal Magnetic Fields”, 2015AGUFMSH43A2421T ADS
- Mikić, Z., Titov, V. S., Lionello, R., et al., “Diagnosing the Properties of the Solar Wind using Magnetic Topology”, 2015AGUFMSH31C2436M ADS
- Downs, C., Liu, W., Torok, T., et al., “Fast Wave Trains Associated with Solar Eruptions: Insights from 3D Thermodynamic MHD Simulations”, 2015AGUFMSH22A.06D ADS
- Lionello, R., Torok, T., Titov, V. S., et al., “Thermodynamic MHD Simulations of Jets in the Solar Corona and Inner Heliosphere”, 2015AGUFMSH11F.02L ADS
- Schwadron, N. A., Lee, M. A., Gorby, M., et al., “Particle Acceleration at Low Coronal Compression Regions and Shocks”, 2015ApJ...810...97S ADS
- Linker, J. A., Torok, T., Downs, C., et al., “How Much Energy Can Be Stored in Active Region Magnetic Fields?”, 2015shin.confE..77L ADS
- Titov, V. S., Caplan, R. M., Downs, C., Mikić, Z., & Linker, J., “A Method for Localization of the Photospheric Tangential Electric Field within Flux-Emergence Regions”, 2015shin.confE..38T ADS
- Lionello, R., Torok, T., Titov, V. S., et al., “Thermodynamic 3D MHD Modeling of Coronal Jets”, 2015shin.confE..32L ADS
- Shen, C., Raymond, J. C., Mikić, Z., et al., “Non-equilibrium Ionization Modeling of Simulated Pseudostreamers in a Solar Corona Model”, 2015TESS...140903S ADS
- Downs, C., Török, T., Titov, V., et al., “Connecting the evolution and properties of CMEs to their low coronal signatures. A modeling case study of the textquoteleftsimpletextquoteright Feb 13 2009 event”, 2015TESS...130401D ADS
- Linker, J., Downs, C., Lionello, R., et al., “The Role of GONG observations in Global MHD Modeling”, 2015TESS...121402L ADS
- Lionello, R., Velli, M., Downs, C., Linker, J. A., & Mikić, Z., “Application of a Solar Wind Model Driven by Turbulence Dissipation to a 2D Magnetic Field Configuration”, 2014ApJ...796..111L ADS
- Lionello, R., Torok, T., Linker, J., & Mikić, Z., “Towards a Thermodynamic 3D MHD Model of Coronal Jets”, 2014AGUFMSH53D.06L ADS
- Downs, C., Lionello, R., Mikić, Z., Linker, J., & Velli, M., “Characterizing a Model of Coronal Heating and Solar Wind Acceleration Based on Wave Turbulence.”, 2014AGUFMSH31B.04D ADS
- Linker, J., Downs, C., Lionello, R., et al., “Coronal Modeling with Flux-Evolved Maps: Comparison with Observations”, 2014AGUFMSH23C.02L ADS
- Titov, V. S., Mikić, Z., Torok, T., Linker, J., & Panasenco, O., “Magnetic Topology of the Global MHD Configuration on 2010 August 1-2”, 2014AGUFMSH23A4148T ADS
- Gorby, M., Schwadron, N., Torok, T., et al., “Particle Acceleration in the Low Corona Over Broad Longitudes: Coupling MHD and 3D Particle Simulations”, 2014AGUFMSH21B4127G ADS
- Winebarger, A. R., Lionello, R., Mok, Y., Linker, J. A., & Mikić, Z., “Verification of Coronal Loop Diagnostics Using Realistic Three-dimensional Hydrodynamic Models”, 2014ApJ...795..138W ADS
- Kramar, M., Airapetian, V., Mikić, Z., & Davila, J., “3D Coronal Density Reconstruction and Retrieving the Magnetic Field Structure during Solar Minimum”, 2014SoPh..289.2927K ADS
- Titov, V. S., Török, T., Mikić, Z., & Linker, J. A., “A Method for Embedding Circular Force-free Flux Ropes in Potential Magnetic Fields”, 2014ApJ...790..163T ADS
- Downs, C., Lionello, R., Mikić, Z., Linker, J. A., & Velli, M., “Characterizing a Closed Field Coronal Heating Model Inspired by Wave Turbulence”, 2014shin.confE.156D ADS
- Lionello, R., Velli, M., Downs, C., Linker, J. A., & Mikić, Z., “Application of a Solar Wind Model Driven by Turbulence Dissipation to a 2D Magnetic Field Configuration”, 2014shin.confE.141L ADS
- Kramar, M., Airapetian, V., & Mikić, Z., “3D Coronal Density Reconstruction and Retrieving the Magnetic Field Structures during Solar Minimum and Maximum”, 2014shin.confE.101K ADS
- Shen, C., Raymond, J. C., Mikić, Z., et al., “Non-Equilibrium Ionization Calculations in MHD Simulations During a Whole Sun Month”, 2014shin.confE..99S ADS
- Linker, J. A., Lionello, R., Downs, C., et al., “Time-Dependent MHD Modeling and Coronal Hole Evolution”, 2014shin.confE..25L ADS
- Reeves, K., Mikić, Z., Linker, J., & Török, T., “Thermal energy creation and transport and X-ray/EUV emission in a thermodynamic MHD CME simulation”, 2014shin.confE..2R ADS
- Winebarger, A. R., Lionello, R., Mikić, Z., Linker, J. A., & Mok, Y., “Thermal Non-equilibrium Consistent with Widespread Cooling”, 2014AAS...22432341W ADS
- Mok, Y., Lionello, R., Mikić, Z., & Linker, J. A., “Computing EUV and Soft X-rays Emissions from an Active Region in 3D”, 2014AAS...22432340M ADS
- Linker, J. A., Lionello, R., Downs, C., et al., “MHD Modeling of Coronal Hole Evolution”, 2014AAS...22432336L ADS
- Winebarger, A. R., Lionello, R., Mok, Y., Linker, J. A., & Mikić, Z., “Verification of Loop Diagnostics”, 2014AAS...22431203W ADS
- Torok, T., Leake, J. E., Titov, V., et al., “Distribution of electric currents in source regions of solar eruptions”, 2014AAS...22431202T ADS
- Mikić, Z., Torok, T., Titov, V., Linker, J. A., & Reeves, K., “Developing 3D CME Models”, 2014AAS...22421808M ADS
- Titov, V., Torok, T., Mikić, Z., & Linker, J. A., “A Method for Embedding Circular Force-Free Flux Ropes in Potential Magnetic Fields”, 2014AAS...22421204T ADS
- Gressl, C., Veronig, A. M., Temmer, M., et al., “Comparative Study of MHD Modeling of the Background Solar Wind”, 2014SoPh..289.1783G ADS
- Lionello, R., Velli, M., Downs, C., et al., “Validating a Time-dependent Turbulence-driven Model of the Solar Wind”, 2014ApJ...784..120L ADS
- Riley, P., Ben-Nun, M., Linker, J. A., et al., “A Multi-Observatory Inter-Comparison of Line-of-Sight Synoptic Solar Magnetograms”, 2014SoPh..289..769R ADS
- Török, T., Leake, J. E., Titov, V. S., et al., “Distribution of Electric Currents in Solar Active Regions”, 2014ApJ...782L..10T ADS
- Titov, V., Linker, J., Mikić, Z., et al., “Global Magnetic Topology and Large-Scale Dynamics of the Solar Corona”, 2014cosp...40E3350T ADS
- Linker, J., Mikić, Z., Schwadron, N., et al., “Time-Dependent Coupled Coronal-Solar Wind-SEP Modeling”, 2014cosp...40E1840L ADS
- Linker, J., Mikić, Z., Riley, P., et al., “Data-Driven Global Coronal Models”, 2014cosp...40E1839L ADS
- Lionello, R., Downs, C., Linker, J. A., et al., “Magnetohydrodynamic Simulations of Interplanetary Coronal Mass Ejections”, 2013ApJ...777...76L ADS

- Lionello, R., Winebarger, A. R., Mok, Y., Linker, J. A., & Mikić, Z., “*Thermal Non-equilibrium Revisited: A Heating Model for Coronal Loops*”, 2013ApJ...773...134L ADS
- Shen, C., Reeves, K. K., Raymond, J. C., et al., “*Non-equilibrium Ionization Modeling of the Current Sheet in a Simulated Solar Eruption*”, 2013ApJ...773...110S ADS
- Mikić, Z., Lionello, R., Mok, Y., Linker, J. A., & Winebarger, A. R., “*The Importance of Geometric Effects in Coronal Loop Models*”, 2013ApJ...773...94M ADS
- Linker, J. A., Lionello, R., Mikić, Z., et al., “*Coronal Modeling and Synchronic Maps*”, 2013SPD...4430504L ADS
- Downs, C., Linker, J. A., Mikić, Z., et al., “*Probing the Solar Magnetic Field With a Sun-Grazing Comet*”, 2013SPD...4430503D ADS
- Mok, Y., Lionello, R., Mikić, Z., & Linker, J. A., “*Thermal Structure of Coronal Loops*”, 2013SPD...44...26M ADS
- Lionello, R., Downs, C., Linker, J. A., et al., “*A Time-Dependent Turbulence-Driven Model of the Solar Wind*”, 2013SPD...44...22L ADS
- Kramar, M., Davila, J., & Mikić, Z., “*Structure of the Coronal Streamers During Solar Minimum and Maximum*”, 2013SPD...44...11K ADS
- Titov, V. S., Mikić, Z., Török, T., Linker, J. A., & Panasenco, O., “*Pseudo-Streamer Structures in the 2010 August 1-2 CMEs: PFSS versus MHD model.*”, 2013shin.confE.130T ADS
- Titov, V. S., Linker, J. A., Mikić, Z., Török, T., & Lionello, R., “*Which magnetic topologies are favorable for an efficient acceleration and escape of SEPs?*”, 2013shin.confE.129T ADS
- Downs, C., Lionello, R., Linker, J. A., & Mikić, Z., “*Empirical Coronal Heating Models Inspired by Wave Turbulence*”, 2013shin.confE..83D ADS
- Linker, J. A., Lionello, R., Downs, C., Riley, P., & Mikić, Z., “*Coronal models*”, 2013shin.confE..20L ADS
- Downs, C., Linker, J. A., Mikić, Z., et al., “*Probing the Solar Magnetic Field with a Sun-Grazing Comet*”, 2013Sci...340.1196D ADS
- Riley, P., Linker, J. A., & Mikić, Z., “*Ensemble modeling of the ambient solar wind*”, 2013AIPC.1539..259R ADS
- Mikić, Z., Török, T., Titov, V., et al., “*The challenge in making models of fast CMEs*”, 2013AIPC.1539..42M ADS
- Lionello, R., Velli, M., Linker, J. A., & Mikić, Z., “*Integrating physics-based coronal heating and solar wind acceleration in a global MHD model*”, 2013AIPC.1539...30L ADS
- Linker, J. A., Mikić, Z., Riley, P., et al., “*Coronal and heliospheric modeling using flux-evolved maps*”, 2013AIPC.1539...26L ADS
- Amari, T., Aly, J. J., Canou, A., & Mikić, Z., “*Reconstruction of the solar coronal magnetic field in spherical geometry*”, 2013A&A...553A..43A ADS
- Torok, T., Downs, C., Lionello, R., et al., “*Numerical modeling of fast CMEs from Sun to Earth*”, 2013EGUGA..1512485T ADS
- Shen, C., Reeves, K. K., Raymond, J. C., et al., “*Non-Equilibrium Ionization Modeling of the Current Sheet in a Simulated Solar Eruption*”, 2013ens.confE..44S ADS
- Titov, V. S., Mikić, Z., Torok, T., et al., “*Characterizing the Magnetic Topology of Solar Eruptions*”, 2013ens.confE..15T ADS
- Linker, J., Lionello, R., Downs, C., et al., “*Can We Predict the Geoeffectiveness of CMEs?*”, 2013ens.confE..11L ADS
- Riley, P., Linker, J. A., & Mikić, Z., “*On the application of ensemble modeling techniques to improve ambient solar wind models*”, 2013JGRA..118..600R ADS
- Antiochos, S. K., Linker, J. A., Lionello, R., et al., “*The Structure and Dynamics of the Corona-Heliosphere Connection*”, in D. Burgess, J. Drake, E. Marsch, R. von Steiger, M. Velli, and T. Zurbuchen (Eds.), *Multi-scale Physics in Coronal Heating and Solar Wind Acceleration*. Series: Space Sciences Series of ISSI, Vol. 38, 169–185 2013mspc.book..169A ADS
- Georgoulis, M. K., Titov, V. S., & Mikić, Z., “*Non-neutralized Electric Current Patterns in Solar Active Regions: Origin of the Shear-generating Lorentz Force*”, 2012ApJ...761...61G ADS
- Linker, J. A., Lionello, R., Titov, V. S., & Mikić, Z., “*The S-Web Hypothesis: Modeling and Observational Challenges*”, 2012AGUFM52A..01L ADS
- Titov, V. S., Mikić, Z., Torok, T., Linker, J. A., & Panasenco, O., “*Pseudo-Streamer Magnetic Topologies in the 2010 August 1-2 CMEs*”, 2012AGUFM51A2211T ADS
- Lionello, R., Downs, C., Linker, J. A., Torok, T., & Mikić, Z., “*Magnetohydrodynamic Simulations of Interplanetary Coronal Mass Ejections*”, 2012AGUFM541B2117L ADS
- Torok, T., Mikić, Z., Titov, V. S., et al., “*Using multi-wavelength observations to constrain CME simulations*”, 2012AGUFM533E..01T ADS
- Mikić, Z., Linker, J. A., Downs, C., et al., “*Prediction of the Solar Corona for the 2012 November 13 Total Solar Eclipse*”, 2012AGUFM533A2218M ADS
- Downs, C., Mikić, Z., Linker, J. A., Lionello, R., & Schrijver, C., “*The Interaction of Comet C/2011 W3 (Lovejoy) with the Global Solar Corona: Insight and Perspectives from Realistic Thermodynamic MHD Simulations*”, 2012AGUFM513B2255D ADS
- Antiochos, S. K., Linker, J. A., Lionello, R., et al., “*The Structure and Dynamics of the Corona-Heliosphere Connection*”, 2012SSRv..172..169A ADS
- Titov, V. S., Mikić, Z., Török, T., Linker, J. A., & Panasenco, O., “*2010 August 1-2 Sympathetic Eruptions. I. Magnetic Topology of the Source-surface Background Field*”, 2012ApJ...759...70T ADS
- Linker, J., Mikić, Z., Lionello, R., et al., “*MHD modeling of the solar corona: Progress and challenges*”, 2012cosp...39.1090L ADS
- Riley, P., Linker, J. A., Lionello, R., & Mikić, Z., “*Corotating interaction regions during the recent solar minimum: The power and limitations of global MHD modeling*”, 2012JASTP..83...1R ADS
- Riley, P., Linker, J., Lionello, R., Mikić, Z., & Downs, C., “*Modeling the Large-Scale Structure of the Solar Corona and Inner Heliosphere during Carrington Rotations 2058 and 2062*”, 2012shin.confE.205R ADS
- Panasenco, O., Titov, V., Mikić, Z., et al., “*Sympathetic Eruptive Events and Pseudostreamers*”, 2012shin.confE.162P ADS
- Titov, V. S., Mikić, Z., Torok, T., Linker, J. A., & Panasenco, O., “*Magnetic Topology of Pseudo-Streamers in the 2010 August 1-2 Eruption Events*”, 2012shin.confE.160T ADS
- Downs, C. J., Linker, J. A., Mikić, Z., Lionello, R., & Riley, P., “*Global Thermodynamic MHD Modeling of the Solar Corona in the Context of SDO/AIA Observations*”, 2012shin.confE..98D ADS
- Reeves, K., Mikić, Z., Linker, J., Török, T., & Murphy, N., “*Global energy diagnostics, current sheet formation and reconnection outflow jets in a thermodynamic 3D MHD CME simulation*”, 2012shin.confE..40R ADS
- Linker, J. A., Titov, V., Lionello, R., Mikić, Z., & Cohen, C., “*How Well Do We Understand Solar-Heliospheric Connectivity?*”, 2012shin.confE..17L ADS
- Koutchmy, S., Bazin, C., Berghmans, D., et al., “*Plasmoid Ejection at a Solar Total Eclipse*”, 2012EAS...55..223K ADS
- Liu, Y., Scherrer, P. H., Hoeksema, J. T., et al., “*A First Look at Magnetic Field Data Products from SDO/HMI*”, 2012ASPC..455..337L ADS
- Riley, P., Stevens, M., Linker, J. A., et al., “*Modeling the global structure of the heliosphere during the recent solar minimum: Model improvements and unipolar streamers*”, 2012AIPC.1436..337R ADS
- Linker, J. A., Downs, C., Mikić, Z., et al., “*Are Polar Field Magnetic Flux Concentrations Responsible for Missing Interplanetary Flux?*”, 2012AAS...22041101L ADS
- Downs, C., Linker, J. A., Mikić, Z., Lionello, R., & Riley, P., “*Global Thermodynamic MHD Modeling of the Solar Corona in the Context of SDO/AIA Observations*”, 2012AAS...22020714D ADS
- Mok, Y., Lionello, R., Mikić, Z., & Linker, J., “*A New Perspective of Coronal-Loop EUV Emissions*”, 2012AAS...22020206M ADS
- Torok, T., Mikić, Z., Panasenco, O., et al., “*Observations and simulations of the sympathetic eruptions on 2010 August 1*”, 2012EGUGA..14.3270T ADS
- Mikić, Z., Linker, J. A., Lionello, R., et al., “*Global MHD Models of the Corona and Solar Wind*”, 2012decs.confE..85M ADS
- Amari, T., Delyon, F., Alauzet, F., et al., “*Connecting the photosphere to the corona : Reconstructing the Solar Coronal Magnetic Field*”, 2012decs.confE..50A ADS
- Riley, P., Lionello, R., Linker, J. A., et al., “*Global MHD Modeling of the Solar Corona and Inner Heliosphere for the Whole Heliosphere Interval*”, 2011SoPh..274..361R ADS
- Amari, T., Aly, J. J., Luciani, J. F., Mikić, Z., & Linker, J., “*Coronal Mass Ejection Initiation by Converging Photospheric Flows: Toward a Realistic Model*”, 2011ApJ...742L..27A ADS
- Riley, P., Mikić, Z., Linker, J. A., et al., “*Advances in Modeling the initiation and evolution of CMEs through the Solar Wind*”, 2011AGUFM53C..05R ADS
- Howard, R. A., Thernisien, A. F., Vourlidas, A., et al., “*Observations of the White Light Corona from Solar Orbiter and Solar Probe Plus*”, 2011AGUFM543F..06H ADS
- Titov, V. S., Mikić, Z., Torok, T., Linker, J. A., & Panasenco, O., “*Magnetic Topology of the Sympathetic CMEs Observed on 27 July 2011 and 1 August 2010*”, 2011AGUFM543B1949T ADS
- Mikić, Z., Torok, T., Titov, V. S., et al., “*MHD Modeling of the Sympathetic Eruptions Observed on August 1, 2010*”, 2011AGUFM541B..04M ADS
- Lionello, R., Linker, J. A., Mikić, Z., et al., “*Comparing MHD Simulations of the Solar Corona and the Solar Wind with Data*”, 2011AGUFM541B..02L ADS
- Riley, P., Torok, T., Mikić, Z., et al., “*How do Heliospheric Remote-Sensing Observations Limit Magnetic Flux Rope Models?*”, 2011AGUFM542A..02R ADS
- Linker, J. A., Mikić, Z., Lionello, R., Riley, P., & Titov, V. S., “*The Unusual Minimum Preceding Cycle 24: What MHD Models Reveal*”, 2011AGUFM523D..04L ADS
- Abbo, L., Antonucci, E., Lionello, R., Mikić, Z., & Riley, P., “*Formation of the current sheet in a coronal streamer*”, 2011arXiv1111.2711A ADS
- Török, T., Panasenco, O., Titov, V. S., et al., “*A Model for Magnetically Coupled Sympathetic Eruptions*”, 2011ApJ...739L..63T ADS

- Linker, J. A., Lionello, R., Titov, V. S., Mikić, Z., & Antiochos, S., “The S-Web Hypothesis and the Slow Solar Wind”, 2011shin.confE.160L [ADS](#)
- Lionello, R., Linker, J. A., Mikić, Z., & Titov, V. S., “Magnetic Topology Diagnostics and the Slow Solar Wind”, 2011shin.confE.156L [ADS](#)
- Titov, V. S., Mikić, Z., Török, T., & Linker, J. A., “Structural Skeleton of the Background Magnetic Field During Sympathetic Eruptions on 1-2 August 2010”, 2011shin.confE.131T [ADS](#)
- Torok, T., Panasenco, O., Titov, V. S., et al., “A model for sympathetic eruptions”, 2011shin.confE.125T [ADS](#)
- Velli, M., Lionello, R., Linker, J. A., & Mikić, Z., “Coronal Plumes in the Fast Solar Wind”, 2011ApJ...736...32V [ADS](#)
- Titov, V., Mikić, Z., Torok, T., & Linker, J. A., “Magnetic Topology of the Source Surface Potential Field on 1 August 2010”, 2011SPD...42.2303T [ADS](#)
- Mok, Y., Lionello, R., Mikić, Z., & Linker, J., “How Geometric Factors Affect Coronal Loop Properties”, 2011SPD...42.1817M [ADS](#)
- Lionello, R., Velli, M., Linker, J. A., & Mikić, Z., “MHD Simulations of Coronal Plumes”, 2011SPD...42.1807L [ADS](#)
- Linker, J. A., Riley, P., Lionello, R., Mikić, Z., & Stevens, M., “Magnetohydrodynamic Modeling of the Origin and Evolution of Corotating Interaction Regions”, 2011SPD...42.1405L [ADS](#)
- Torok, T., Panasenco, O., Titov, V., et al., “3d Mhd Simulation Of Sympathetic Eruptions On 1 August 2010”, 2011SPD...42.0908T [ADS](#)
- Antiochos, S. K., Mikić, Z., Titov, V. S., Lionello, R., & Linker, J. A., “A Model for the Sources of the Slow Solar Wind”, 2011ApJ...731...112A [ADS](#)
- Titov, V. S., Mikić, Z., Linker, J. A., Lionello, R., & Antiochos, S. K., “Magnetic Topology of Coronal Hole Linkages”, 2011ApJ...731...111T [ADS](#)
- Linker, J. A., Lionello, R., Mikić, Z., Titov, V. S., & Antiochos, S. K., “The Evolution of Open Magnetic Flux Driven by Photospheric Dynamics”, 2011ApJ...731...110L [ADS](#)
- Lionello, R., Linker, J. A., Mikić, Z., Riley, P., & Titov, Viacheslav, S., “MHD Simulations of the Global Solar Corona and the Solar Wind”, in M. P. Miralles and J. Sánchez Almeida (Eds.), *The Sun, the Solar Wind, and the Heliosphere*, Vol. 4, 101 2011sswh.book...101L [ADS](#)
- Abbo, L., Antonucci, E., Mikić, Z., et al., “Characterization of the slow wind in the outer corona”, 2010AdSpr...46.1400A [ADS](#)
- Titov, V. S., Mikić, Z., Linker, J. A., & Lionello, R., “Structure and Dynamics of the Erupting Magnetic Flux in the May 12 1997 CME Event”, 2010AGUFM51C1687T [ADS](#)
- Mikić, Z., Linker, J. A., Lionello, R., Riley, P., & Titov, V. S., “Comparing an MHD Model of the Corona During the July 11, 2010 Total Solar Eclipse with Observations (Invited)”, 2010AGUFM542A...09M [ADS](#)
- Linker, J. A., Mikić, Z., Riley, P., Lionello, R., & Titov, V. S., “Magnetic Maps and Coronal/Solar Wind Modeling: Practices and Pitfalls (Invited)”, 2010AGUFM541D...03L [ADS](#)
- Lionello, R., Winebarger, A. R., Linker, J. A., Mikić, Z., & Mok, Y., “Thermal Nonequilibrium Revisited: a Heating Model for Coronal Loops”, 2010AGUFM531C1811L [ADS](#)
- Riley, P., Linker, J. A., & Mikić, Z., “A Parametric Study to Constrain Empirically-based Models of the Ambient Solar Wind”, 2010AGUFM531B1799R [ADS](#)
- Plunkett, S. P., Howard, R. A., Vourlidas, A., et al., “The Wide Field Imager for Solar PRobe (WISPR)”, 2010AGUFM511B1622P [ADS](#)
- Fleishman, G., Gary, D., Nita, G., et al., “Uncovering Mechanisms of Coronal Magnetism via Advanced 3D Modeling of Flares and Active Regions”, 2010arXiv1011.2800F [ADS](#)
- Riley, P., Luhmann, J., Opitz, A., Linker, J. A., & Mikić, Z., “Interpretation of the cross-correlation function of ACE and STEREO solar wind velocities using a global MHD Model”, 2010JGRA...11511104R [ADS](#)
- Riley, P., Linker, J. A., & Mikić, Z., “Global MHD Modeling of the Solar Corona and Inner Heliosphere for the Whole Heliosphere Interval”, 2010HiA...15...491R [ADS](#)
- Reeves, K. K., Linker, J. A., Mikić, Z., & Forbes, T. G., “Current Sheet Energetics, Flare Emissions, and Energy Partition in a Simulated Solar Eruption”, 2010ApJ...721.1547R [ADS](#)
- Bisi, M. M., Breen, A. R., Jackson, B. V., et al., “From the Sun to the Earth: The 13 May 2005 Coronal Mass Ejection”, 2010SoPh...265...49B [ADS](#)
- Riley, P., Mikić, Z., Linker, J. A., & Plunkett, S., “A Global MHD Model of the December 12, 2008 CME”, 2010shin.confE.146R [ADS](#)
- Bisi, M. M., Breen, A. R., Jackson, B. V., et al., “The 13-15 May 2005 CME/ICME/MC: A Comprehensive Study from the Sun to the Earth”, 2010shin.confE.126B [ADS](#)
- Mikić, Z., Linker, J. A., Lionello, R., Riley, P., & Titov, V., “MHD Simulations of the May 13, 2005 CME Event”, 2010shin.confE.125M [ADS](#)
- Titov, V. S., Mikić, Z., Linker, J. A., Lionello, R., & Antiochos, S., “Magnetic Topology of Coronal Hole Linkages”, 2010shin.confE.120T [ADS](#)
- Linker, J. A., Mikić, Z., Riley, P., Lionello, R., & Titov, V., “Modeling of the Ambient Solar Corona and Solar Wind: How Magnetic Maps can Make or Break your Solution”, 2010shin.confE...55L [ADS](#)
- Lionello, R., Linker, J. A., Mikić, Z., & Mok, Y., “Computing the DEM out of MHD Simulations and Comparing It with Observations”, 2010shin.confE...13L [ADS](#)
- Amari, T., Aly, J. J., Mikić, Z., & Linker, J., “Coronal Mass Ejection Initiation: On the Nature of the Flux Cancellation Model”, 2010ApJ...717L...26A [ADS](#)
- Riley, P., Mikić, Z., Lionello, R., et al., “On the relationship between coronal heating, magnetic flux, and the density of the solar wind”, 2010JGRA...115.6104R [ADS](#)
- Titov, V., Mikić, Z., Linker, J., & Lionello, R., “Structural Analysis of the Coronal Magnetic Field”, 2010AAS...21640607T [ADS](#)
- Antiochos, S. K., Mikić, Z., Lionello, R., Titov, V., & Linker, J., “A Model for the Sources of the Slow Solar Wind”, 2010AAS...21640521A [ADS](#)
- Mikić, Z., Titov, V. S., Linker, J. A., et al., “Interpreting Small-Scale Structure from High Resolution Global MHD Simulations”, 2010AAS...21640503M [ADS](#)
- Linker, J. A., Riley, P., Mikić, Z., et al., “CORHEL MHD Modeling in Support of Solar Dynamics Observatory”, 2010AAS...21640217L [ADS](#)
- Lionello, R., Linker, J. A., Mikić, Z., Riley, P., & Velli, M., “An MHD Model with Wave Turbulence Driven Heating and Solar Wind Acceleration”, 2010AAS...21630301L [ADS](#)
- Mok, Y., Lionello, R., Mikić, Z., & Linker, J., “Comparison of 3D and 1D Coronal Loop Simulations and Their Implied Emissions”, 2010AAS...21630003M [ADS](#)
- Abramenko, V., Yurchyshyn, V., Linker, J., et al., “Low-Latitude Coronal Holes at the Minimum of the 23rd Solar Cycle”, 2010ApJ...712...813A [ADS](#)
- Rušin, V., Druckmüller, M., Aniol, P., et al., “Comparing eclipse observations of the 2008 August 1 solar corona with an MHD model prediction”, 2010A&A...513A...45R [ADS](#)
- Lionello, R., Linker, J. A., Mikić, Z., & Titov, V. S., “MHD Simulations of the Interaction of Small Polarities in Coronal Holes”, 2009AGUFM544A...05L [ADS](#)
- Titov, V. S., Mikić, Z., Linker, J. A., Antiochos, S. K., & Lionello, R., “Investigating the Topology of the textquotedblleftDisconnectiontextquotedblright of Coronal Holes”, 2009AGUFM541B1665T [ADS](#)
- Mikić, Z., Linker, J. A., Riley, P., Lionello, R., & Titov, V. S., “Comparing High-Resolution MHD Simulations of the Present and Preceding Solar Minima”, 2009AGUFM513C...05M [ADS](#)
- Antiochos, S. K., Mikić, Z., Lionello, R., Titov, V. S., & Linker, J. A., “Implications of the Deep Minimum for Slow Solar Wind Origin”, 2009AGUFM511A1502A [ADS](#)
- Riley, P., Mikić, Z., Linker, J. A., McComas, D. J., & Schwadron, N. A., “On the Relationship Between Coronal Heating, Magnetic Flux, and the Density of the Solar Wind”, 2009AGUFM511A1496R [ADS](#)
- Linker, J. A., Riley, P., Mikić, Z., et al., “CORHEL: A Modeling Suite for Describing the Solar Corona and Inner Heliosphere”, 2009AGUFM5A43A1612L [ADS](#)
- Reeves, K. K., Linker, J., Mikić, Z., & Forbes, T., “Current Sheet Energetics, Flare Emissions, and Energy Partition in a Simulated Solar Eruption”, 2009shin.confE.171R [ADS](#)
- Linker, J. A., Lionello, R., Mikić, Z., Titov, V. S., & Antiochos, S., “Do Closed Field Regions Contribute Plasma to the Slow Solar Wind?”, 2009shin.confE.140L [ADS](#)
- Lionello, R., Linker, J. A., Mikić, Z., Titov, V. S., & Antiochos, S., “Small Bipoles Interacting with a Coronal Hole: MHD Simulations”, 2009shin.confE.128L [ADS](#)
- Mikić, Z., Linker, J. A., Lionello, R., Riley, P., & Titov, V., “Simulating the May 13, 2005 CME Event”, 2009shin.confE...57M [ADS](#)
- Riley, P., Linker, J. A., Mikić, Z., & Lionello, R., “Using MHD Models to Understand CIR Structure”, 2009shin.confE...38R [ADS](#)
- Schmit, D. J., Gibson, S., de Toma, G., et al., “A novel metric for coronal MHD models”, 2009JGRA...114.6101S [ADS](#)
- Titov, V., Mikić, Z., Linker, J. A., & Lionello, R., “Structure of the Erupting Magnetic Field in May 12 1997 CME Event”, 2009SPD...40.2213T [ADS](#)
- Linker, J. A., Mikić, Z., Lionello, R., Titov, V., & Riley, P., “Relating Emission to Magnetic Field Evolution in Eruptive Phenomena”, 2009SPD...40.2203L [ADS](#)
- Mikić, Z., Linker, J. A., Lionello, R., Riley, P., & Titov, V., “Comparing Modeled EUV and X-Ray Emission from the Global Corona with Observations”, 2009SPD...40.1402M [ADS](#)
- Mok, Y., Lionello, R., Mikić, Z., & Linker, J., “Computing Emissions from Active-Region Loops in 3D and High Resolution”, 2009SPD...40.1208M [ADS](#)
- Linker, J. A., Mikić, Z., Lionello, R., Riley, P., & Titov, V., “Coronal Modeling: Present Status and Challenges for the Future*”, 2009AGUSM522A...04L [ADS](#)

- Titov, V. S., Forbes, T. G., Priest, E. R., Mikić, Z., & Linker, J. A., “Slip-Squashing Factors as a Measure of Three-Dimensional Magnetic Reconnection”, 2009ApJ...693.1029T ADS
- Lionello, R., Linker, J. A., & Mikić, Z., “Multispectral Emission of the Sun During the First Whole Sun Month: Magnetohydrodynamic Simulations”, 2009ApJ...690.902L ADS
- Titov, V. S., Forbes, T. G., Priest, E. R., Mikic, Z., & Linker, J. A., “Slip-Squashing Factors as a Measure of Three-Dimensional Magnetic Reconnection”, 2008AGUFMSM31A1713T ADS
- Lionello, R., Linker, J. A., & Mikić, Z., “Small Bipoles Interacting with a Coronal Hole: MHD Simulations”, 2008AGUFMSH51B1602L ADS
- Linker, J. A., Lionello, R., Mikic, Z., Riley, P., & Titov, V. S., “Is Disconnection Necessary?”, 2008AGUFMSH43B.08L ADS
- Riley, P., Lionello, R., Linker, J. A., & Mikic, Z., “Global MHD Modeling of the Solar Corona and Inner Heliosphere for the Whole Heliosphere Interval”, 2008AGUFMSH21C.02R ADS
- Rusin, V., Mikic, Z., Aniol, P., et al., “Comparing Eclipse Observations of the August 1, 2008 Solar Corona with an MHD Model Prediction”, 2008AGUFMSH13B1524R ADS
- Riley, P., Linker, J. A., Mikic, Z., & Lionello, R., “Global MHD Modeling of the Solar Wind and CMEs: Energetic Particle Applications”, 2008AIPC.1039.279R ADS
- Mok, Y., Mikić, Z., Lionello, R., & Linker, J. A., “The Formation of Coronal Loops by Thermal Instability in Three Dimensions”, 2008ApJ...679L.161M ADS
- Linker, J. A., Lionello, R., Mikic, Z., Titov, V., & Riley, P., “Understanding the Nature of ‘EIT’ Waves”, 2008AGUSMSP31D.05L ADS
- Lionello, R., Linker, J. A., Mikić, Z., & Mok, Y., “Comparison with Observations of EUV and X-Ray Emissions Calculated with Different Heating Models for Active Region 7986”, 2008AGUSMSP31A.03L ADS
- Mikic, Z., Linker, J. A., Lionello, R., et al., “Exploring the CME-ICME Connection via CME Event Studies”, 2008AGUSMSP24A.06M ADS
- Riley, P., Lionello, R., Linker, J. A., & Mikic, Z., “Global MHD Modeling of the Solar Corona and Inner Heliosphere for the Whole Heliosphere Interval”, 2008AGUSMSH53A.06R ADS
- Riley, P., Mikic, Z., Linker, J., et al., “A Determination of the Value and Variability of the Sun’s Open Magnetic Flux using a Global MHD Model”, 2008AGUSMSH44A.03R ADS
- Luhmann, J. G., Li, Y., Lynch, B., et al., “The Sun as the Source of Heliospheric ‘Space Weather’: A CISM Integrated Model Perspective and STEREO Inspiration”, 2008AGUSMSH31C.01L ADS
- Vainshtein, S. I., Mikic, Z., Rosner, R., & Sagdeev, R. Z., “Strongly compressible current sheets under gravitation”, 2008arXiv0804.3789V ADS
- Aschwanden, M. J., Burlaga, L. F., Kaiser, M. L., et al., “Theoretical modeling for the stereo mission”, 2008SSRv...136.565A ADS
- Odstreil, D., Pizzo, V. J., Arge, C. N., et al., “Numerical Simulations of Solar Wind Disturbances by Coupled Models”, 2008ASPC...385.1670 ADS
- Titov, V. S., Mikic, Z., Linker, J. A., & Lionello, R., “1997 May 12 Coronal Mass Ejection Event. I. A Simplified Model of the Preeruptive Magnetic Structure”, 2008ApJ...675.1614T ADS
- Reeves, K., Linker, J., Forbes, T., & Mikic, Z., “What Models Tell Us About The Relationship Between CME Dynamics and Current Sheet Energetics”, 2008cosp...37.2584R ADS
- Linker, J., Mikic, Z., Riley, P., Lionello, R., & Titov, V., “Understanding Eruptive Phenomena with Thermodynamic MHD Simulations”, 2008cosp...37.1786L ADS
- Abbo, L., Dodero, M. A., Mikic, Z., Riley, P., & Antonucci, E., “Characterization of the slow solar wind in the outer corona”, 2008cosp...37...8A ADS
- Riley, P., Lionello, R., Mikić, Z., & Linker, J., “Using Global Simulations to Relate the Three-Part Structure of Coronal Mass Ejections to In Situ Signatures”, 2008ApJ...672.1221R ADS
- Amari, T., Aly, J. J., Mikic, Z., & Linker, J., “Coronal Mass Ejection Initiation and Complex Topology Configurations in the Flux Cancellation and Breakout Models”, 2007ApJ...671L.189A ADS
- Antiochos, S. K., DeVore, C. R., Karpen, J. T., & Mikić, Z., “Structure and Dynamics of the Sun’s Open Magnetic Field”, 2007ApJ...671.936A ADS
- Linker, J. A., Lionello, R., Mikic, Z., Riley, P., & Titov, V., “Understanding Eruptive Phenomena in the Hinode Era”, 2007AGUFMSH51C.01L ADS
- Riley, P., Mikic, Z., Linker, J. A., et al., “Using Global MHD Models to Interpret STEREO Observations”, 2007AGUFMSH32A0788R ADS
- Lionello, R., Linker, J. A., Mikić, Z., & Riley, P., “MHD Simulations of Small Active Regions Interacting with Coronal Holes”, 2007AGUFMSH22A0845L ADS
- Mok, Y., Lionello, R., Mikic, Z., & Linker, J. A., “Comparing Coronal Heating Models by Using Their Implied EUV and Soft X-ray Emissions”, 2007AGUFMSH21A0294M ADS
- Rappazzo, A. F., Velli, M., Liewer, P., et al., “Slow Solar Wind Formation Beyond the Cusp of an Helmet Streamer”, 2007AGUFMSH21A0290R ADS
- Vainshtein, S. I., Mikić, Z., & Sagdeev, R., “Compression of the current sheet and its impact into the reconnection rate”, 2007arXiv0711.1666V ADS
- Mikić, Z., Linker, J. A., Lionello, R., Riley, P., & Titov, V., “Predicting the Structure of the Solar Corona for the Total Solar Eclipse of March 29, 2006”, 2007ASPC...370.299M ADS
- Riley, P., Mikic, Z., & Linker, J. A., “Understanding the relationship between photospheric magnetic field observations and in situ observations of the interplanetary magnetic field”, 2007AGUSMSH23C.02R ADS
- Riley, P., Mikic, Z., & Linker, J. A., “Understanding The Relationship Between Photospheric Magnetic Field Observations And In Situ Observations Of The Interplanetary Magnetic Field”, 2007AAS...21010004R ADS
- Mok, Y., Mikic, Z., Lionello, R., & Linker, J., “3d Simulation Of Time Dependent Emissions From Active-region Coronal Loops*”, 2007AAS...210.9125M ADS
- Winebarger, A. R. & Mikic, Z., “Can Steady Heating Proportional to Magnetic Field Strength Solve the Coronal Heating Paradox?”, 2007AAS...210.9123W ADS
- Lionello, R., Linker, J. A., & Mikic, Z., “The Multispectral Emission of the Sun during August 1996”, 2007AAS...210.9108L ADS
- Linker, J. A., Lionello, R., Mikic, Z., Riley, P., & Titov, V., “Thermodynamic MHD Modeling of Coronal Mass Ejections”, 2007AAS...210.5805L ADS
- Titov, V., Mikic, Z., Linker, J. A., & Lionello, R., “May 12 1997 CME Event: A Simplified Model of the Pre-Eruptive Magnetic Structure”, 2007AAS...210.2918T ADS
- Mikic, Z., Linker, J. A., Lionello, R., Titov, V. S., & Riley, P., “CME Initiation in Active Regions”, 2007AAS...210.2916M ADS
- Riley, P., Lionello, R., Mikić, Z., et al., “‘Bursty’ Reconnection Following Solar Eruptions: MHD Simulations and Comparison with Observations”, 2007ApJ...655.591R ADS
- Riley, P., Linker, J. A., Mikić, Z., et al., “A Comparison between Global Solar Magnetohydrodynamic and Potential Field Source Surface Model Results”, 2006ApJ...653.1510R ADS
- Riley, P., Linker, J. A., Mikic, Z., & Lionello, R., “Maximizing the Scientific Return of the Sentinels Mission using Global MHD Models”, 2006AGUFMSH53C.04R ADS
- Lionello, R., Riley, P., Linker, J. A., & Mikic, Z., “MHD Modeling of the Solar Corona through Differential Rotation of the Magnetic Flux”, 2006AGUFMSH51A1456L ADS
- Linker, J. A., Mikic, Z., Lionello, R., Riley, P., & Titov, V., “MHD Modeling of Active Regions with Realistic Energy Transport*”, 2006AGUFMSH33B0414L ADS
- Mikic, Z., Deforest, C., Devore, R., et al., “Goals and Progress of the LWS Focused Science Topic on the CME-ICME Connection”, 2006AGUFMSH21B.05M ADS
- Linker, J. A., Mikic, Z., Lionello, R., Titov, V. S., & Riley, P., “Modelling Active Region Magnetic Fields in the Context of the Global Corona”, 2006IAUJD...3E.61L ADS
- Abbo, L., Antonucci, E., Dodero, M. A., Mikić, Z., & Riley, P., “Slow Coronal Wind Composition”, 2006ESASP.617E.17A ADS
- Linker, J. A., Mikic, Z., Lionello, R., Titov, V., & Riley, P., “MHD Modeling of Coronal Mass Ejections: A ‘Simple’ Event”, 2006SPD...37.2202L ADS
- Mok, Y., Mikic, Z., Lionello, R., & Linker, J. A., “3D Simulations of Dynamic Coronal Loops”, 2006SPD...37.1704M ADS
- Mikic, Z., Linker, J. A., Lionello, R., et al., “Modeling the Global Solar Corona with Improved Energy Transport”, 2006SPD...37.1405M ADS
- Titov, V., Mikic, Z., Linker, J. A., Lionello, R., & Riley, P., “The Evolution of the Magnetic Field Structure for the May 12, 1997 CME Event*”, 2006SPD...37.0901T ADS
- Lionello, R., Linker, J. A., Mikić, Z., & Riley, P., “The Latitudinal Excursion of Coronal Magnetic Field Lines in Response to Differential Rotation: MHD Simulations”, 2006ApJ...642L.69L ADS
- Linker, J. A., Mikic, Z., Lionello, R., & Riley, P., “Global MHD Models of the Solar Corona with Realistic Energy Transport*”, 2006AGUSMSH52A.05L ADS
- Riley, P., Cane, H., Richardson, I. G., et al., “On the rates of coronal mass ejections: remote solar and in situ observations”, 2006AGUSMSA21A.01R ADS
- Pick, M., Forbes, T. G., Mann, G., et al., “Multi-Wavelength Observations of CMEs and Associated Phenomena. Report of Working Group F”, 2006SSRv...123.341P ADS
- Gopalswamy, N., Mikić, Z., Maia, D., et al., “The Pre-CME Sun”, 2006SSRv...123.303G ADS
- Forbes, T. G., Linker, J. A., Chen, J., et al., “CME Theory and Models”, 2006SSRv...123.251F ADS

- Mikić, Z. & Lee, M. A., "An Introduction to Theory and Models of CMEs, Shocks, and Solar Energetic Particles", 2006SSRv...123...57M ADS
- Odstrcil, D., Arge, C. N., Linker, J. A., et al., "Numerical Modeling of Solar Wind and Interplanetary CMEs", 2006cosp...36.34240 ADS
- Wang, W., Burns, A. G., Hughes, W. J., et al., "CISM space weather modeling of the Sun-to-Earth system", 2006cosp...36.2569W ADS
- Pick, M., Forbes, T. G., Mann, G., et al., "Multi-Wavelength Observations of CMEs and Associated Phenomena", in H. Kunow, N. U. Crooker, J. A. Linker, R. Schwenn, and R. von Steiger (Eds.), Coronal Mass Ejections, Vol. 21, 341 2006cme...book...341P ADS
- Gopalswamy, N., Mikić, Z., Maia, D., et al., "The Pre-CME Sun", in H. Kunow, N. U. Crooker, J. A. Linker, R. Schwenn, and R. von Steiger (Eds.), Coronal Mass Ejections, Vol. 21, 303 2006cme...book...303G ADS
- Forbes, T. G., Linker, J. A., Chen, J., et al., "CME Theory and Models", in H. Kunow, N. U. Crooker, J. A. Linker, R. Schwenn, and R. von Steiger (Eds.), Coronal Mass Ejections, Vol. 21, 251 2006cme...book...251F ADS
- Mikić, Z. & Lee, M. A., "An Introduction to Theory and Models of CMEs, Shocks, and Solar Energetic Particles", in H. Kunow, N. U. Crooker, J. A. Linker, R. Schwenn, and R. von Steiger (Eds.), Coronal Mass Ejections, Vol. 21, 57 2006cme...book...57M ADS
- Riley, P., Linker, J. A., Mikić, Z., & Odstrcil, D., "Modeling interplanetary coronal mass ejections", 2006AdSpr...38...535R ADS
- Titov, V. S., Mikić, Z., Linker, J. A., Lionello, R., & Riley, P., "The Impact of the Magnetic Field Structure on May 12, 1997 CME Event*", 2005AGUFMSH13A0284T ADS
- Linker, J. A., Mikić, Z., Titov, V., Lionello, R., & Riley, P., "MHD Modeling of the May 12, 1997 CME", 2005AGUFMSH13A0283L ADS
- Riley, P., Linker, J. A., Mikić, Z., Lionello, R., & Clark, E., "Unraveling STEREO Observations with Global MHD Models", 2005AGUFMSH11B0261R ADS
- Lionello, R., Riley, P., Linker, J. A., & Mikić, Z., "MHD Modeling of the Latitudinal Excursion of Magnetic Field Lines in the Solar Corona", 2005AGUFMSH11A0250L ADS
- Linker, J. A., Lionello, R., Mikić, Z., & Riley, P., "Time-Dependent Response of the Large-Scale Solar Corona", 2005ESASP...596E...28L ADS
- Lionello, R., Riley, P., Linker, J. A., & Mikić, Z., "The Effects of Differential Rotation on the Magnetic Structure of the Solar Corona: Magnetohydrodynamic Simulations", 2005ApJ...625...463L ADS
- Mok, Y., Lionello, R., Mikić, Z., & Linker, J., "Investigating the Coronal Heating Models at High Resolution", 2005AGUSMSP41A...02M ADS
- Titov, V. S., Mikić, Z., Linker, J. A., Lionello, R., & Riley, P., "Structural Analysis of the Pre-Eruptive Magnetic Field for the May 12, 1997 CME Event*", 2005AGUSMSH54B...06T ADS
- Linker, J. A., Mikić, Z., Titov, V., Lionello, R., & Riley, P., "Modeling Active Region Coronal Mass Ejections*", 2005AGUSMSH54B...05L ADS
- Lionello, R., Linker, J. A., Mikić, Z., & Mok, Y., "The Thermal Structure of AR 8038 During the May 1997 Event", 2005AGUSMSH51C...07L ADS
- Riley, P., Linker, J. A., Mikić, Z., Lionello, R., & Ledvina, S., "How Good are Potential Field Source Surface Models? What the MHD Modelers Don't Want you to Know", 2005AGUSMSH23C...02R ADS
- Mikić, Z., Linker, J. A., Riley, P., et al., "The Evolution of MHD Modeling: Coupling Local and Global Scales", 2005AGUSMSH11B...02M ADS
- Mok, Y., Mikić, Z., Lionello, R., & Linker, J. A., "Calculating the Thermal Structure of Solar Active Regions in Three Dimensions", 2005ApJ...621.1098M ADS
- Riley, P., Linker, J. A., Mikić, Z., et al., "Using global MHD simulations to relate the Three-Part Structure of CMEs to in situ observations", 2004AGUFMSH24A...07R ADS
- Linker, J. A., Mikić, Z., Lionello, R., Riley, P., & Odstrcil, D., "What Can We Deduce about Coronal Mass Ejections from STEREO observations?", 2004AGUFMSH21D...03L ADS
- Mikić, Z., Linker, J. A., Titov, V., Riley, P., & Lionello, R., "Modeling Flux Cancellation in Active Regions", 2004AGUFMSH21B0401M ADS
- Mok, Y., Lionello, R., Mikić, Z., & Linker, J., "Relationship Between Plasma Heating and Coronal Emissions", 2004AGUFMSH13A1159M ADS
- Lionello, R., Linker, J. A., Mikić, Z., & Riley, P., "MHD Modeling of Differential Rotation", 2004AGUFMSH13A1157L ADS
- Riley, P., Linker, J. A., Lionello, R., et al., "Fitting flux ropes to a global MHD solution: a comparison of techniques", 2004JASTP...66.1321R ADS
- Odstrcil, D., Pizzo, V. J., Linker, J. A., et al., "Initial coupling of coronal and heliospheric numerical magnetohydrodynamic codes", 2004JASTP...66.13110 ADS
- Abbett, W. P., Mikić, Z., Linker, J. A., et al., "The photospheric boundary of Sun-to-Earth coupled models", 2004JASTP...66.1257A ADS
- Luhmann, J. G., Solomon, S. C., Linker, J. A., et al., "Coupled model simulation of a Sun-to-Earth space weather event", 2004JASTP...66.1243L ADS
- Riley, P., Linker, J. A., Mikić, Z., & Odstrcil, D., "Magnetohydrodynamic Modeling of Interplanetary CMEs", 2004ITPS...32.1415R ADS
- Linker, J. A., Mikić, Z., Riley, P., & Lionello, R., "Modeling Coronal Mass Ejections", 2004AAS...204.6706L ADS
- Mok, Y., Lionello, R., Mikić, Z., & Linker, J. A., "Effects of Heating Mechanism and Field Line Topology on the Thermal Structure of an Active Region", 2004AAS...204.5608M ADS
- Riley, P., Linker, J. A., Mikić, Z., & Odstrcil, D., "Modelling CMEs in the Heliosphere", 2004cosp...35.1011R ADS
- Lionello, R., Mok, Y., Linker, J. A., & Mikić, Z., "Comparison of Observed Coronal EUV and X-Ray Emission with that from Heating Models", 2003AGUFMSH42D...06L ADS
- Mikić, Z., Linker, J. A., Lionello, R., & Riley, P., "Modeling the Large-Scale Corona Surrounding an Active Region", 2003AGUFMSH42B0510M ADS
- Riley, P., Linker, J. A., & Mikić, Z., "Constraints on the structure and evolution of the coronal magnetic field from in situ observations", 2003AGUFMSH41D...01R ADS
- Linker, J. A., Mikić, Z., Lionello, R., Riley, P., & Amari, T., "Eruptive Behavior Originating in Active Regions", 2003AGUFMSH41A...04L ADS
- Amari, T., Luciani, J. F., Aly, J. J., Mikić, Z., & Linker, J., "Coronal Mass Ejection: Initiation, Magnetic Helicity, and Flux Ropes. II. Turbulent Diffusion-driven Evolution", 2003ApJ...595.1231A ADS
- Odstrcil, D., Riley, P., Linker, J. A., et al., "3-D simulations of ICMEs by coupled coronal and heliospheric models", 2003ESASP...535...5410 ADS
- Linker, J. A., Mikić, Z., Riley, P., Lionello, R., & Odstrcil, D., "Models of Coronal Mass Ejections: A Review with A Look to The Future", 2003AIPC...679...703L ADS
- Lionello, R., Linker, J. A., & Mikić, Z., "Three-Dimensional Magnetohydrodynamics of the Solar Corona and of the Solar Wind with Improved Energy Transport", 2003AIPC...679...222L ADS
- Riley, P., Mikić, Z., Linker, J., & Zurbuchen, T. H., "Understanding the Solar Sources of In Situ Observations", 2003AIPC...679...79R ADS
- Riley, P., Linker, J. A., Mikić, Z., et al., "Using an MHD simulation to interpret the global context of a coronal mass ejection observed by two spacecraft", 2003JGRA...108.1272R ADS
- Riley, P., Mikić, Z., & Linker, J. A., "Dynamical evolution of the inner heliosphere approaching solar activity maximum: interpreting Ulysses observations using a global MHD model", 2003AnGeo...21.1347R ADS
- Mok, Y., Lionello, R., Mikić, Z., & Linker, J., "Parametric Dependence of Coronal Heating Mechanisms and Active-Region Emissions", 2003SPD...34.0403M ADS
- Amari, T., Luciani, J. F., Aly, J. J., Mikić, Z., & Linker, J., "Coronal Mass Ejection: Initiation, Magnetic Helicity, and Flux Ropes. I. Boundary Motion-driven Evolution", 2003ApJ...585.1073A ADS
- Abbo, L., Antonucci, E., Mikić, Z., et al., "Acceleration region of the slow solar wind in corona", 2003MnSAI...74...733A ADS
- Odstrcil, D., Linker, J. A., Lionello, R., et al., "Merging of coronal and heliospheric numerical two-dimensional MHD models", 2002JGRA...107.14930 ADS
- Odstrcil, D., Linker, J. A., Lionello, R., et al., "3-D MHD simulations of CMEs by coupled coronal and heliospheric models", 2002ESASP...506...950 ADS
- Lionello, R., Mikić, Z., Linker, J. A., & Amari, T., "Magnetic Field Topology in Prominences", 2002ApJ...581...718L ADS
- Linker, J. A., Mikić, Z., Riley, P., Lionello, R., & Odstrcil, D., "CME Evolution in the Corona and Solar Wind", 2002AGUFMSH61A0433L ADS
- Mikić, Z., Linker, J. A., Lionello, R., & Riley, P., "Predicting the Structure of the Solar Corona During the December 4, 2002 Total Solar Eclipse", 2002AGUFMSH52A0468M ADS
- Riley, P., Linker, J. A., Mikić, Z., et al., "Evidence of Posteruption Reconnection Associated with Coronal Mass Ejections in the Solar Wind", 2002ApJ...578...972R ADS
- Breen, A. R., Riley, P., Lazarus, A. J., et al., "The solar wind at solar maximum: comparisons of EISCAT IPS and in situ observations", 2002AnGeo...20.1291B ADS
- Mikić, Z.: 2002, The Structure and Dynamics of the Solar Corona and Inner Heliosphere, Technical Report, SAIC-01/8013:APPAT-280 2002STIN...0267741M ADS
- Riley, P., Linker, J. A., & Mikić, Z., "Modeling the heliospheric current sheet: Solar cycle variations", 2002JGRA...107.1136R ADS
- Linker, J. A., Mikić, Z., Riley, P., & Lionello, R., "Modeling CMEs in the Corona and Solar Wind", 2002AGUSMSH22D...02L ADS
- Riley, P., Mikić, Z., Linker, J. A., & Lionello, R., "MHD Modeling of CMEs near the Sun", 2002AAS...200.6508R ADS
- Lionello, R., Linker, J. A., & Mikić, Z., "A Three-dimensional MHD Model of Solar Corona and Solar Wind with Improved Energy Transport", 2002AAS...200.0302L ADS
- Mok, Y., Lionello, R., Mikić, Z., & Linker, J., "3-D Simulation of Thermal Structure of Solar Active Regions", 2002AAS...200.0212M ADS
- Riley, P., Mikić, Z., Linker, J. A., Lionello, R., & Lazarus, A. J., "The Large-Scale Variability of Solar Wind Streams", 2001AGUFMSH32A0729R ADS

- LI, Y., Luhmann, J. G., Abbett, W., et al., "How do emerging magnetic fields affect the solar coronal field configuration?", 2001AGUFM11C0719L ADS
- Linker, J. A., Lionello, R., Mikić, Z., & Amari, T., "Magnetohydrodynamic modeling of prominence formation within a helmet streamer", 2001JGR...10625165L ADS
- Riley, P., Linker, J. A., & Mikić, Z., "An empirically-driven global MHD model of the solar corona and inner heliosphere", 2001JGR...10615889R ADS
- Posner, A., Zurbuchen, T. H., Schwadron, N. A., et al., "Nature of the boundary between open and closed magnetic field line regions at the Sun revealed by composition data and numerical models", 2001JGR...10615869P ADS
- Mok, Y., Mikić, Z., & Linker, J., "Interaction of Two Magnetic Loops in the Solar Corona", 2001ApJ...555...440M ADS
- Odstreil, D., Pizzo, V. J., Linker, J. A., et al., "Modeling of CMEs from Sun to Earth with Merged Coronal and Heliospheric MHD Computations*", 2001AGUSM..SH62A020 ADS
- Riley, P., Linker, J. A., Lionello, R., et al., "Using global MHD simulations to interpret in situ observations of CMEs", 2001AGUSM..SH42A07R ADS
- Mikic, Z., Linker, J. A., Lionello, R., & Riley, P., "Predicting the Structure of the Solar Corona During the 21 June 2001 Total Solar Eclipse", 2001AGUSM..SH41B24M ADS
- Mok, Y., Lionello, R., Mikic, Z., & Linker, J., "3-D Modeling of Thermal Structure in Active Regions on the Solar Surface", 2001AGUSM..SH41A20M ADS
- Leka, K. D., White, S., Mikic, Z., & Lee, J., "Coronal Sunspot Magnetic Fields: Extrapolation vs. Direct Observation", 2001AGUSM..SH31D03L ADS
- Linker, J. A., Mikic, Z., Lionello, R., & Riley, P., "Are There Two Classes of Coronal Mass Ejections? A Theoretical Perspective", 2001AGUSM..SH31C04L ADS
- Lionello, R., Linker, J. A., & Mikić, Z., "Including the Transition Region in Models of the Large-Scale Solar Corona", 2001ApJ...546...542L ADS
- Breen, A. R., Thompson, B. J., Kojima, M., et al., "Measurements of the solar wind over a wide range of heliocentric distances - a comparison of results from the first three Whole Sun Months", 2000JASTP...62.1527B ADS
- Vainshtein, S. I., Mikić, Z., Rosner, R., & Linker, J. A., "Evidence for topological nonequilibrium in magnetic configurations", 2000PhRvE...62.1245V ADS
- Riley, P., Mikic, Z., & Linker, J. A., "Modeling of the Magnetic Structure of the Heliosphere using MHD Simulations", 2000SPD...31.0904R ADS
- Linker, J. A., Lionello, R., Mikic, Z., & Amari, T., "Photospheric Magnetic Flux Changes as a Trigger for Coronal Mass Ejections", 2000SPD...31.0281L ADS
- Lazarus, A. J., Szabo, A., Linker, J. A., & Mikic, Z., "Solar Wind and Magnetic field Observations During Whole Sun Months 2 and 3", 2000SPD...31.0240L ADS
- Mikic, Z., Linker, J. A., Riley, P., & Lionello, R., "Modeling the Corona During 'Whole Sun Month 3'", 2000SPD...31.0238M ADS
- Lionello, R., Linker, J. A., & Mikić, Z., "An MHD Model of the Solar Wind from the Upper Chromosphere to 1 A.U.", 2000SPD...31.0234L ADS
- Mok, Y., Linker, J. A., & Mikic, Z., "Effects on Magnetic Structures by Disrupting Plasma Flows and Surface Magnetic Fields", 2000SPD...31.0151M ADS
- Lionello, R., Linker, J. A., & Mikić, Z., "An MHD model of the solar wind from the upper chromosphere to 1 A.U.", 2000BAAS...32...817L ADS
- Mikic, Z.: 2000, *The Structure and Dynamics of the Solar Corona*, Technical Report, SAIC-00/8005:APPAT-239 2000STIN...0034000M ADS
- Riley, P., Linker, J. A., Mikic, Z., & Lionello, R., "Solar Cycle Variations and the Large-Scale Structure of the Heliosphere: MHD Simulations", 2000IAUJD...7E...12R ADS
- Amari, T., Luciani, J. F., Mikic, Z., & Linker, J., "A Twisted Flux Rope Model for Coronal Mass Ejections and Two-Ribbon Flares", 2000ApJ...529L...49A ADS
- Posner, A., Bothmer, V., Kunow, H., et al., "Energetic Particle Signatures of a Corotating Interaction Region from a High Latitude Coronal Hole: SOHO, Wind and Ulysses Observations", 2000AdSpR...26...865P ADS
- Breen, A. R., Moran, P. J., Williams, P. J. S., et al., "Interplanetary Scintillation Measurements of the Solar Wind Above Low-Latitude Coronal Holes", 2000AdSpR...26...789B ADS
- Mikic, Z., Linker, J. A., Riley, P., & Lionello, R., "Predicting the Structure of the Solar Corona During the 11 August 1999 Total Solar Eclipse", 2000ASPC...205...162M ADS
- Lee, J., White, S. M., Kundu, M. R., & Mikic, Z., "Active Region Emissions and Coronal Field Extrapolations", 1999pro.proc...65L ADS
- Lionello, R., Linker, J. A., & Mikic, Z., "Magnetohydrodynamics of the Solar Corona and the Transition Region", 1999ESASP.448.1181L ADS
- Amari, T., Boulmezaoud, T. Z., & Mikic, Z., "An iterative method for the reconstruction of the solar coronal magnetic field. I. Method for regular solutions", 1999A&A...350.1051A ADS
- Killen, R. M., Giles, B., Potter, A. E., et al., "Mercury Sodium Atmosphere, Magnetosphere and Solar Wind", 1999DPS...31.1801K ADS
- Killen, R. M., Giles, B., Potter, A. E., et al., "Mercury sodium atmosphere, magnetosphere and solar wind.", 1999BAAS...31.1102K ADS
- Amari, T., Luciani, J. F., & Mikic, Z., "On the Role of Magnetic Flux Ropes for Helicity Injection and Ejection in the Solar Corona", 1999ASPC...184...70A ADS
- Gibson, S. E., Biesecker, D., Guhathakurta, M., et al., "The Three-dimensional Coronal Magnetic Field during Whole Sun Month", 1999ApJ...520...871G ADS
- Balogh, A., Bothmer, V., Crooker, N. U., et al., "The Solar Origin of Corotating Interaction Regions and Their Formation in the Inner Heliosphere", 1999SSRv...89...141B ADS
- Amari, T., Luciani, J. F., Mikic, Z., & Linker, J., "Three-dimensional Solutions of Magnetohydrodynamic Equations for Prominence Magnetic Support: Twisted Magnetic Flux Rope", 1999ApJ...518L...57A ADS
- Breen, A. R., Biesecker, D., Fallows, R. A., et al., "Interplanetary scintillation measurements of high-speed flow in the low-latitude solar wind", 1999AIPC...471...317B ADS
- Mikić, Z., Linker, J. A., Schnack, D. D., Lionello, R., & Tarditi, A., "Magnetohydrodynamic modeling of the global solar corona", 1999PhP1...6.2217M ADS
- Posner, A., Bothmer, V., Thompson, B. J., et al., "In-ecliptic CIR-associated energetic particle events and polar coronal hole structures: SOHO/COSTEP observations for the Whole Sun Month Campaign", 1999JGR...104.9881P ADS
- Breen, A. R., Mikic, Z., Linker, J. A., et al., "Interplanetary scintillation measurements of the solar wind during Whole Sun Month: Comparisons with coronal and in situ observations", 1999JGR...104.9847B ADS
- Linker, J. A., Mikić, Z., Biesecker, D. A., et al., "Magnetohydrodynamic modeling of the solar corona during Whole Sun Month", 1999JGR...104.9809L ADS
- Mikic, Z. & Linker, J. A., "Initiation of Coronal Mass Ejections by Changes in Photospheric Flux", 1999AAS...194.5906M ADS
- Mok, Y., Mikic, Z., & Linker, J., "Eruption of Magnetic Structures in the Solar Corona", 1999AAS...194.1708M ADS
- Lionello, R., Linker, J. A., & Mikic, Z., "MHD Modeling of the Solar Wind Including the Transition Region", 1999AAS...194.1614L ADS
- Amari, T., Luciani, J. F., & Mikic, Z., "Magnetohydrodynamic models of solar coronal magnetic fields.", 1999PPCF...41...779A ADS
- Balogh, A., Bothmer, V., Crooker, N. U., et al., "The Solar Origin of Corotating Interaction Regions and their Formation in the Inner Heliosphere", in A. Balogh, J. T. Gosling, J. R. Jokipii, R. Kallenbach, and H. Kunow (Eds.), *Corotating Interaction Regions. Series: Space Sciences Series of ISSI, Vol. 7*, 141-178 1999cir...book...141B ADS
- Lee, J., White, S. M., Kundu, M. R., Mikić, Z., & McClymont, A. N., "A Test for Coronal Magnetic Field Extrapolations", 1999ApJ...510...413L ADS
- Crooker, N. U., McAllister, A. H., Fitzenreiter, R. J., et al., "Sector boundary transformation by an open magnetic cloud", 1998JGR...10326859C ADS
- Mikic, Z., "MHD Modeling of the Solar Corona", 1998APS...DPPD2I204M ADS
- Neugebauer, M., Forsyth, R. J., Galvin, A. B., et al., "Spatial structure of the solar wind and comparisons with solar data and models", 1998JGR...10314587N ADS
- Lee, J., McClymont, A. N., Mikić, Z., White, S. M., & Kundu, M. R., "Coronal Currents, Magnetic Fields, and Heating in a Solar Active Region", 1998ApJ...501...853L ADS
- Mikic, Z.: 1998a, *The Structure and Dynamics of the Solar Corona*, Technical Report, NASA/CR-1998-208312; NAS 1.26:208312; SAIC-98/1032:APPAT-203 1998saic.reptR...M ADS
- Mikic, Z.: 1998b, *The Structure and Dynamics of the Solar Corona*, Technical Report, NASA/CR-1998-208311; NAS 1.26:208311; SAIC-98/1031:APPAT-202 1998nasa.reptT...M ADS
- Lee, J., White, S. M., Kundu, M. R., Mikić, Z., & McClymont, A. N., "Microwave Mode Coupling Above Active Regions as a Coronal Density Diagnostic", 1998SoPh...180...193L ADS
- Lionello, R., Mikic, Z., & Schnack, D. D., "Magnetohydrodynamics of solar coronal plasmas in cylindrical geometry.", 1998JCoPh.140...172L ADS
- Lionello, R., Velli, M., Einaudi, G., & Mikić, Z., "Nonlinear Magnetohydrodynamic Evolution of Line-tied Coronal Loops", 1998ApJ...494...840L ADS
- Mok, Y., Van Hoven, G., & Mikić, Z., "The Emergence of Current-Carrying Magnetic Loops into the Solar Corona", 1997ApJ...490L.107M ADS
- Jiao, L., McClymont, A. N., & Mikić, Z., "Reconstruction of the Three-Dimensional Coronal Magnetic Field", 1997SoPh...174...311J ADS
- McClymont, A. N., Jiao, L., & Mikić, Z., "Problems and Progress in Computing Three-Dimensional Coronal Active Region Magnetic Fields from Boundary Data", 1997SoPh...174...191M ADS
- Amari, T., Aly, J. J., Luciani, J. F., Boulmezaoud, T. Z., & Mikic, Z., "Reconstructing the Solar Coronal Magnetic Field as a Force-Free Magnetic Field", 1997SoPh...174...129A ADS

- Lee, J., McClymont, A. N., Mikić, Z., White, S. M., & Kundu, M. R., "Currents, Magnetic Fields and Heating in a Solar Active Region", 1997SPD...28.1602L [ADS](#)
- Linker, J. A. & Mikić, Z., "Mapping the Magnetic Structure of the Corona During the ULYSSES Fast-Latitude Scan", 1997SPD...28.0601L [ADS](#)
- Mok, Y., van Hoven, G., & Mikić, Z., "3-D Simulation of Current-Carrying Magnetic Loops Emerging through the Photosphere", 1997SPD...28.0246M [ADS](#)
- Jiao, L., McClymont, A. N., & Mikić, Z., "Reconstruction of the Three-Dimensional Coronal Magnetic Field", 1997SPD...28.0149J [ADS](#)
- Mikić, Z.: 1997, *Determination of Coronal Magnetic Fields from Vector Magnetograms*, Technical Report, Science Applications International Corp. San Diego, CA United States 1997saic.rept....M [ADS](#)
- Ruzmaikin, A., Anderson, J. D., Asmar, S., et al., "A Spacecraft Going Behind the Sun Will Support SOHO", 1997ESASP.404..653R [ADS](#)
- Socker, D. G., Antiochos, S. K., Brückner, G. E., et al., "STEREO: a solar terrestrial event observer mission concept", 1996SPIE.2804...50S [ADS](#)
- Hendrix, D. L., van Hoven, G., Mikić, Z., & Schnack, D. D., "The Viability of Ohmic Dissipation as a Coronal Heating Source", 1996ApJ...470.1192H [ADS](#)
- Mikić, Z. & Linker, J. A., "The large-scale structure of the solar corona and inner heliosphere", 1996AIPC...382..104M [ADS](#)
- Mok, Y., van Hoven, G., & Mikić, Z., "Magnetic Loop Emergence in the Solar Atmosphere", 1996AAS...188.3613M [ADS](#)
- Mikić, Z., Linker, J. A., & Colborn, J. A., "An MHD Model of the Solar Corona and Solar Wind", 1996AAS...188.3307M [ADS](#)
- van Hoven, G., Mok, Y., Hendrix, D. L., & Mikić, Z., "Surface Driven Evolution and Activity of Atmospheric Magnetic Structures", 1996mpsa.conf...51V [ADS](#)
- Linker, J. A., Mikić, Z., & Schnack, D. D., "Global Coronal Modeling and Space Weather Prediction", 1996ASPC...95..208L [ADS](#)
- Mikić, Z., Linker, J. A., & Schnack, D. D., "Modeling of Active-Region Magnetic Fields", 1996ASPC...95..108M [ADS](#)
- Mikić, Z. & Linker, J. A., "Large-scale structure of the solar corona and inner heliosphere", 1995sowi.conf...60M [ADS](#)
- Linker, J. A. & Mikić, Z., "Coronal mass ejections and the evolution of the large-scale corona", 1995sowi.conf...60L [ADS](#)
- van Hoven, G., Mok, Y., & Mikić, Z., "Coronal Loop Formation Resulting from Photospheric Convection", 1995ApJ...440L.105V [ADS](#)
- Linker, J. A. & Mikić, Z., "Disruption of a Helmet Streamer by Photospheric Shear", 1995ApJ...438L..45L [ADS](#)
- Linker, J. A., Mikić, Z., & Schack, D. D., "Modeling coronal evolution", 1994ESASP.373..249L [ADS](#)
- Mikić, Z. & Linker, J. A., "Disruption of Coronal Magnetic Field Arcades", 1994ApJ...430..898M [ADS](#)
- McClymont, A. N. & Mikić, Z., "Thickness Variations along Coronal Loops Inferred from Vector Magnetograph Data", 1994ApJ...422..899M [ADS](#)
- Linker, J. A. & Mikić, Z., "Evolution and Disruption of Magnetic Arcades", 1994ASPC...68..251L [ADS](#)
- Mikić, Z. & McClymont, A. N., "Deducing Coronal Magnetic Fields from Vector Magnetograms", 1994ASPC...68..225M [ADS](#)
- van Hoven, G., Schnack, D. D., Mikić, Z., & Linker, J. A., "The Generation of Solar Magnetic Activity", 1994ASPC...68..211V [ADS](#)
- Schnack, D. D. & Mikić, Z., "Current Filaments Induced in a Resistive Corona by Continuous Footpoint Motions", 1994ASPC...68..180S [ADS](#)
- Mikić, Z.: 1993a, *Determination of coronal magnetic fields from vector magnetograms*, Progress Report No. 2, 1 Jan. - 31 Dec. 1993 Science Applications International Corp., San Diego, CA. 1993saic.rept....M [ADS](#)
- Mikić, Z., "Realistic Three-Dimensional Models of Active Region Magnetic Fields", 1993BAAS...25Q1218M [ADS](#)
- Schnack, D. D. & Mikić, Z., "Current Filaments Induced in a Resistive Corona by Continuous Footpoint Motions", 1993BAAS...25Q1212S [ADS](#)
- McClymont, A. N. & Mikić, Z., "The Coronal Magnetic Field of AR6919 on 1991 November 15", 1993BAAS...25.1214M [ADS](#)
- Linker, J. A. & Mikić, Z., "Eruption of Large-Scale Coronal Magnetic Fields", 1993BAAS...25.1204L [ADS](#)
- Mikić, Z.: 1992, *Determination of coronal magnetic fields from vector magnetograms*, Semiannual Progress Report, 30 Jun. - 31 Dec. 1992 Science Applications International Corp., San Diego, CA. 1992saic.reptQ....M [ADS](#)
- Mikić, Z. & McClymont, A. N., "Properties of Coronal Magnetic Fields Calculated from Vector Magnetograms", 1992AAS...180.1204M [ADS](#)
- Schnack, D. D. & Mikić, Z., "Coronal Heating Induced by Footpoint Motions", 1992AAS...180.0509S [ADS](#)
- Linker, J. A. & Mikić, Z., "Evolution of Large-Scale Coronal Arcades", 1992AAS...180.0504L [ADS](#)
- Mikić, Z.: 1991, *Determination of the coronal magnetic field from vector magnetograph data*, Final Report, 15 Nov. 1990 - 14 Dec. 1991 Science Applications International Corp., San Diego, CA. 1991saic.rept....M [ADS](#)
- Schnack, D. D. & Mikić, Z., "Three-Dimensional Stability of a Model Sunspot Field", 1991BAAS...23R1036S [ADS](#)
- Mikić, Z., "Calculation of Force-Free Coronal Magnetic Fields from Vector Magnetograms", 1991BAAS...23.1032M [ADS](#)
- Mikić, Z., Schnack, D. D., & van Hoven, G., "Dynamical Evolution of Twisted Magnetic Flux Tubes. I. Equilibrium and Linear Stability", 1990ApJ...361..690M [ADS](#)
- Mikić, Z., "Magnetohydrodynamic modeling of the solar corona", 1990PhFlB...2.1450M [ADS](#)
- Schnack, D. D., Mikić, Z., Barnes, D. C., & van Hoven, G., "Magnetohydrodynamic simulation of coronal magnetic fields", 1990CoPhC...59...21S [ADS](#)
- Mikić, Z., Barnes, D. C., & Schnack, D. D., "Calculation of the Coronal Magnetic Field from Vector Magnetograph Data", 1989BAAS...21..855M [ADS](#)
- Mikić, Z., Schnack, D. D., & van Hoven, G., "Creation of Current Filaments in the Solar Corona", 1989ApJ...338.1148M [ADS](#)
- Mikić, Z. & Schnack, D. D., "Generation of fine-scale structure in the solar magnetic field.", 1989ndm.conf...113M [ADS](#)
- Mikić, Z., Barnes, D. C., & Schnack, D. D., "Dynamical Evolution of a Solar Coronal Magnetic Field Arcade", 1988ApJ...328..830M [ADS](#)
- Mikić, Z., Schnack, D. D., & van Hoven, G., "Creation of Current Filaments in the Solar Corona", 1988BAAS...20..682M [ADS](#)
- Barnes, D. C., Mikić, Z., & Schnack, D. D., "Ideal MHD Stability of Solar Coronal Arcades", 1987BAAS...19R1121B [ADS](#)
- Bekki, N., Tajima, T., Mikić, Z., Barnes, D. C., & Schnack, D. D., "Nonlinear Dynamics of the Force-Free Coronal Arcade Field Due to Shear Flow", 1987BAAS...19Q1121B [ADS](#)
- Barnes, D. C., Mikić, Z., & Schnack, D. D., "Ideal MHD stability of solar coronal arcades.", 1987BAAS...19.1121B [ADS](#)
- Tajima, T., Bekki, N., Mikić, Z., Barnes, D., & Schnack, D., "Energy Buildup and Explosive Release in a Sheared Coronal Arcade Plasma", 1987BAAS...19..922T [ADS](#)
- Mikić, Z., Barnes, D. C., Schnack, D. D., Tajima, T., & Bekki, N., "Dynamical Evolution of a Solar Coronal Arcade", 1987BAAS...19..922M [ADS](#)
- Mikić, Z., Barnes, D. C., Schnack, D. D., et al., "Magnetic Energy Storage and Conversion in Coronal Arcades and Loops", 1986BAAS...18Q1042M [ADS](#)
- Tajima, T., Steinolfson, R. S., Barnes, D. C., Mikić, Z., & Schnack, D. D., "Dynamic Evolution of Coronal Magnetic Fields", 1986BAAS...18..676T [ADS](#)
- Mikić, Z., Barnes, D. C., Schnack, D. D., Steinolfson, R. S., & Tajima, T., "Resistive Evolution of Coronal Arcades", 1986BAAS...18..676M [ADS](#)