

Bibliography from ADS file: antiochos.bib
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- Guo, F., Antiochos, S., Cassak, P., et al., "Advancing Theory and Modeling Efforts in HelioPhysics", 2022arXiv220903611G ADS
- Antiochos, S., Linton, M., & Leake, J., "Driving Solar Eruptions by Flux Rope Emergence", 2022cosp...44.2405A ADS
- Aslanyan, V., Pontin, D., Wyper, P., et al., "Quantifying magnetic reconnection in the Solar corona", 2022cosp...44.1495A ADS
- Higginson, A., DeVore, C. R., Antiochos, S., & Viall, N., "Relating the variability of the middle corona to the structure of the slow solar wind", 2022cosp...44.1320H ADS
- Antiochos, S., Schlenker, M., MacNeice, P., & Mason, E., "Driving of Heliospheric Structure and Dynamics by the Closed Corona", 2022cosp...44.1082A ADS
- Leake, J. E., Linton, M. G., & Antiochos, S. K., "The Role of Reconnection in the Onset of Solar Eruptions", 2022ApJ...934...10L ADS
- Dahlin, J. T., Antiochos, S. K., Qiu, J., & DeVore, C. R., "Variability of the Reconnection Guide Field in Solar Flares", 2022ApJ...932...94D ADS
- Aslanyan, V., Pontin, D. I., Scott, R. B., et al., "The Dynamic Structure of Coronal Hole Boundaries", 2022ApJ...931...96A ADS
- Aslanyan, V., Pontin, D. I., Higginson, A. K., et al., "The Dynamic Coupling of Streamers and Pseudostreamers to the Heliosphere", 2022ApJ...929...185A ADS
- Higgins, R. E. L., Fouhey, D. F., Antiochos, S. K., et al., "SynthIA: A Synthetic Inversion Approximation for the Stokes Vector Fusing SDO and Hinode into a Virtual Observatory", 2022ApJS...259...24H ADS
- Naus, S. J., Qiu, J., DeVore, C. R., et al., "Correlated Spatio-temporal Evolution of Extreme-Ultraviolet Ribbons and Hard X-Rays in a Solar Flare", 2022ApJ...926...218N ADS
- Dahlin, J. T., DeVore, C. R., & Antiochos, S. K., "STITCH: A Subgrid-Scale Model for Energy Buildup in the Solar Corona", 2021arXiv211200641D ADS
- Antiochos, S., Schlenker, M., MacNeice, P., & Mason, E., "Driving of Reconnection in the Heliospheric Current Sheet by Thermal Nonequilibrium", 2021AGUFM25F2155A ADS
- Higginson, A., Antiochos, S., & DeVore, C. R., "How does photospheric driving effect helmet streamer reconnection and HCS structure?", 2021AGUFM25F2146H ADS
- Dahlin, J., Antiochos, S., Jiong, Q., & DeVore, C. R., "Temporal Evolution of the Guide Field in Eruptive Flares", 2021AGUFM23B...07D ADS
- Naus, S., Qiu, J., Antiochos, S., et al., "Correlated Spatio-temporal Evolution of Extreme-Ultraviolet Ribbons and Hard X-rays in a Solar Flare", 2021AGUFM23B...05N ADS
- Schlenker, M. J., Antiochos, S. K., MacNeice, P. J., & Mason, E. I., "The Effect of Thermal Nonequilibrium on Helmet Streamers", 2021ApJ...916...115S ADS
- Mason, E. I., Antiochos, S. K., & Vourlidas, A., "An Observational Study of a 'Rosetta Stone' Solar Eruption", 2021ApJ...914L...8M ADS
- Scott, R. B., Pontin, D. I., Antiochos, S. K., DeVore, C. R., & Wyper, P. F., "The Dynamic Formation of Pseudostreamers", 2021AAS...23832818S ADS
- Wyper, P., Antiochos, S., DeVore, C., et al., "Coupled Pseudostreamer/Helmet Streamer Eruptions", 2021AAS...23832205W ADS
- Kumar, P., Karpen, J., Antiochos, S., et al., "From Pseudostreamer Jets to Coronal Mass Ejections: Observations of the Breakout Continuum", 2021AAS...23832203K ADS
- Higginson, A., Antiochos, S., & DeVore, C., "Relating the Variability of the Middle Corona to the Structure of the Slow Solar Wind", 2021AAS...23822905H ADS
- DeVore, C. R., Karpen, J. T., Antiochos, S. K., et al., "Switch-on Shock and Nonlinear Kink Alfvén Waves in Solar Coronal-Hole Jets", 2021AAS...23821322D ADS
- Mason, E., Antiochos, S., & Vourlidas, A., "Mind The Gap: Observing The Jet/CME Continuum In A Hybrid Eruption", 2021AAS...23821316M ADS
- Dahlin, J., Antiochos, S., Qiu, J., DeVore, C., & Wyper, P., "The 3D Dynamics of Flare Reconnection", 2021AAS...23812710D ADS
- Klimchuk, J. A. & Antiochos, S. K., "How Turbulent is the Magnetically Closed Corona?", 2021FrASS...8...83K ADS
- Scott, R. B., Pontin, D. I., Antiochos, S. K., DeVore, C. R., & Wyper, P. F., "The Dynamic Formation of Pseudostreamers", 2021ApJ...913...64S ADS
- Higgins, R. E. L., Fouhey, D. F., Zhang, D., et al., "Fast and Accurate Emulation of the SDO/HMI Stokes Inversion with Uncertainty Quantification", 2021ApJ...911...130H ADS
- Wyper, P. F., Antiochos, S. K., DeVore, C. R., et al., "A Model for the Coupled Eruption of a Pseudostreamer and Helmet Streamer", 2021ApJ...909...54W ADS
- Aslanyan, V., Pontin, D. I., Wyper, P. F., et al., "Effects of Pseudostreamer Boundary Dynamics on Heliospheric Field and Wind", 2021ApJ...909...10A ADS
- Antiochos, S. & Linton, M., "Understanding the Onset of CMEs/Eruptive Flares", 2021cosp...43E2397A ADS
- Xia, Q., Zharkova, V., Dahlin, J., & Antiochos, S., "Particle acceleration in erupting 3D coronal mass ejections in the breakout model", 2021cosp...43E1005X ADS
- Antiochos, S., Masson, S., & DeVore, C. R., "The Role of 3D Reconnection in the Escape of Impulsive SEPs", 2021cosp...43E1004A ADS
- Kumar, P., Karpen, J. T., Antiochos, S. K., et al., "From Pseudostreamer Jets to Coronal Mass Ejections: Observations of the Breakout Continuum", 2021ApJ...907...41K ADS
- Dahlin, J., Antiochos, S. K., Jiong, Q., DeVore, C. R., & Wyper, P. F., "The Nature of Solar Flare Reconnection", 2020AGUFM2045...04D ADS
- Antiochos, S. K., Dahlin, J., & DeVore, C. R., "The Effect of 3D Complexity on the Flux Cancellation Model", 2020AGUFM2034...07A ADS
- Higginson, A. K., DeVore, C. R., & Antiochos, S. K., "Relating the Variability of the Middle Corona to the Structure of the Slow Solar Wind", 2020AGUFM20300002H ADS
- Patsourakos, S., Vourlidas, A., Török, T., et al., "Decoding the Pre-Eruptive Magnetic Field Configurations of Coronal Mass Ejections", 2020SSRv...216...131P ADS
- Ji, H., Karpen, J., Alt, A., et al., "Major Scientific Challenges and Opportunities in Understanding Magnetic Reconnection and Related Explosive Phenomena in Solar and Heliospheric Plasmas", 2020arXiv200908779J ADS
- Mason, E., Antiochos, S., & Vourlidas, A., "Trigger Shy? Flare-less Active Region Circular Prominence Eruption", 2020SPD...5121001M ADS
- Mason, E., Antiochos, S., & Viall, N., "Magnetic Origins of Cool Plasma in the Sun's Corona", 2020AAS...23610606M ADS
- Zharkova, V., Xia, Q., Dahlin, J., & Antiochos, S., "Acceleration of particles in different parts of erupting coronal mass ejections", 2020EGUGA...2220181Z ADS
- Dahlin, J., Antiochos, S., & DeVore, C. R., "High-Resolution Three-Dimensional MHD Simulations of Plasmoid Formation in Solar Flares", 2020EGUGA...2210039D ADS
- Antiochos, S., Kumar, P., Jarpen, J., & Dahlin, J., "Observations and Simulations of Reconnecting Current Sheets in the Solar Corona", 2020EGUGA...22.5597A ADS
- Xia, Q., Dahlin, J. T., Zharkova, V., & Antiochos, S. K., "Particle Acceleration and Transport during 3D CME Eruptions", 2020ApJ...894...89X ADS
- Ji, H., Alt, A., Antiochos, S., et al., "Major Scientific Challenges and Opportunities in Understanding Magnetic Reconnection and Related Explosive Phenomena throughout the Universe", 2020arXiv200400079J ADS
- Antiochos, S., "Reconnection-Driven Energy Release in the Solar Corona", 2020APS...DPPP10002A ADS
- Wyper, P. F., DeVore, C. R., & Antiochos, S. K., "Numerical simulation of helical jets at active region peripheries", 2019MNRAS...490.3679W ADS
- Knizhnik, K. J., Antiochos, S. K., Klimchuk, J. A., & DeVore, C. R., "Erratum: textquotedblleftThe Role of Magnetic Helicity in Coronal Heatingtextquotedblright (2019, ApJ, 883, 26)\", 2019ApJ...887...270K ADS
- Antiochos, S. K., Mason, E. I., & Viall, N. M., "Simulations of Thermal Nonequilibrium in Raining Null-Point Topologies", 2019AGUFM253B3381A ADS
- Kumar, P., Karpen, J., Antiochos, S. K., Wyper, P. F., & DeVore, C. R., "First Detection of Plasmoids from Breakout Reconnection", 2019AGUFM244A...08K ADS
- Schuck, P. W. & Antiochos, S. K., "Estimating Coronal Helicity Injection from Photospheric Measurements", 2019AGUFM243E3390S ADS
- Karpen, J. T., Kumar, P., Antiochos, S. K., Wyper, P. F., & DeVore, C. R., "From Jets to CMEs: Observations of the Breakout Continuum", 2019AGUFM243D3354K ADS
- Leake, J. E., Linton, M., Antiochos, S. K., & Schuck, P. W., "Modeling the onset of solar eruptions in active regions", 2019AGUFM241F3320L ADS
- Antiochos, S. K. & Schuck, P. W., "Determining the Transport of Magnetic Helicity in the Sun's Atmosphere", 2019AGUFM241B...07A ADS
- Dahlin, J., Antiochos, S. K., & DeVore, C. R., "Three-Dimensional Numerical Studies of Plasmoid Formation in Eruptive Flares", 2019AGUFM241B...04D ADS
- Higginson, A. K., Antiochos, S. K., & DeVore, C. R., "Relating the Structure and Dynamics of the Corona to the Variability Of the Slow Solar Wind", 2019AGUFM2411C3405H ADS
- Kumar, P., Karpen, J. T., Antiochos, S. K., Wyper, P. F., & DeVore, C. R., "First Detection of Plasmoids from Breakout Reconnection on the Sun", 2019ApJ...885L...15K ADS
- Masson, S., Antiochos, S. K., & DeVore, C. R., "Escape of Flare-accelerated Particles in Solar Eruptive Events", 2019ApJ...884...143M ADS

- Knizhnik, K. J., Antiochos, S. K., Klimchuk, J. A., & DeVore, C. R., “*The Role of Magnetic Helicity in Coronal Heating*”, 2019ApJ...883...26K [ADS](#)
- Schuck, P. W. & Antiochos, S. K., “*Determining the Transport of Magnetic Helicity and Free Energy in the Sun’s Atmosphere*”, 2019ApJ...882...151S [ADS](#)
- Dahlin, J. T., Antiochos, S. K., & DeVore, C. R., “*A Model for Energy Buildup and Eruption Onset in Coronal Mass Ejections*”, 2019ApJ...879...96D [ADS](#)
- Dahlin, J., Antiochos, S. K., & DeVore, C. R., “*STITCH: A New Method for Generating Filament Channels and Driving Solar Eruptions*”, 2019AAS...23431703D [ADS](#)
- Karpen, J. T., Kumar, P., Antiochos, S. K., Gary, D. E., & Dahlin, J., “*New Insights into the 10 September 2017 Mega-Eruption*”, 2019AAS...23431702K [ADS](#)
- DeVore, C. R. & Antiochos, S. K., “*Multiscale Helicity Condensation and Filament Channel Formation*”, 2019AAS...23410602D [ADS](#)
- Dahlin, J. T., Antiochos, S. K., & DeVore, C. R., “*A New Method for Generating Filament Channels and Driving Solar Eruptions*”, 2019shin.confE.209D [ADS](#)
- Mason, E., Antiochos, S., Viall, N., Macneice, P., & Bradshaw, S., “*Observations and Modelling of Condensation Formation at Coronal Hole Boundaries*”, 2019shin.confE..40M [ADS](#)
- Ji, H., Alt, A., Antiochos, S., et al., “*Major Scientific Challenges and Opportunities in Understanding Magnetic Reconnection and Related Explosive Phenomena throughout the Universe*”, 2019BAAS...51c...5J [ADS](#)
- Mason, E. I., Antiochos, S. K., & Viall, N. M., “*Observations of Solar Coronal Rain in Null Point Topologies*”, 2019ApJ...874L...33M [ADS](#)
- Kumar, P., Karpen, J. T., Antiochos, S. K., et al., “*Multiwavelength Study of Equatorial Coronal-hole Jets*”, 2019ApJ...873...93K [ADS](#)
- Mackay, D. H., DeVore, C. R., Antiochos, S. K., & Yeates, A. R., “*Magnetic Helicity Condensation and the Solar Cycle*”, 2018ApJ...869...62M [ADS](#)
- Dahlin, J., Antiochos, S., & DeVore, C. R., “*The role of small-scale photospheric motions in coronal magnetic energy buildup and explosive release*”, 2018esc.confE..62D [ADS](#)
- Wyper, P. F., DeVore, C. R., Karpen, J. T., Antiochos, S. K., & Yeates, A. R., “*A Model for Coronal Hole Bright Points and Jets Due to Moving Magnetic Elements*”, 2018ApJ...864...165W [ADS](#)
- Schlenker, M. J. & Antiochos, S., “*The Effect of Thermal Non-equilibrium on Helmet Streamers; yes!*”, 2018shin.confE.256S [ADS](#)
- Dahlin, J. T., Antiochos, S. K., & DeVore, C. R., “*A model for coronal mass ejection energy buildup and eruption onset*”, 2018shin.confE.214D [ADS](#)
- Antiochos, S. K. & Schuck, P. W., “*Measuring the Free Energy and Helicity Leading to Solar Eruptive Events*”, 2018shin.confE.151A [ADS](#)
- Wyper, P. F., DeVore, C. R., & Antiochos, S. K., “*Numerical Simulation of a Helical Active Region Jet*”, 2018shin.confE..65W [ADS](#)
- Higginson, A. K., Antiochos, S. K., Lynch, B. J., DeVore, C. R., & Wyper, P. F., “*Relating the Structure and Dynamics of the Corona to the Variability of the Slow Solar Wind*”, 2018shin.confE..52H [ADS](#)
- Mason, E., Antiochos, S., MacNiece, P., & Schlenker, M., “*Observations of Coronal Rain in Null Point Topologies*”, 2018shin.confE..17M [ADS](#)
- Kumar, P., Antiochos, S., Karpen, J., et al., “*Multiwavelength Study of 24 Equatorial Coronal-Hole Jets*”, 2018cosp...42E1863K [ADS](#)
- Karpen, J. & Antiochos, S., “*The physics of thermal nonequilibrium*”, 2018cosp...42E1690K [ADS](#)
- Antiochos, S., Schlenker, M., MacNeice, P., & Mason, E., “*The Effect of Thermal Nonequilibrium in Streamers*”, 2018cosp...42E..95A [ADS](#)
- Kumar, P., Karpen, J. T., Antiochos, S. K., et al., “*Statistical Study of 24 Equatorial Coronal-Hole Jets*”, 2018tess.conf40805K [ADS](#)
- Higginson, A. K., Antiochos, S. K., & DeVore, C. R., “*Relating the Structure and Dynamics of the Corona to the Variability of the Slow Solar Wind*”, 2018tess.conf31705H [ADS](#)
- Viall, N. M., Kepko, L., Antiochos, S. K., et al., “*Using Solar Wind Structures as a Rosetta Stone for Understanding Solar Wind Formation*”, 2018tess.conf31702V [ADS](#)
- Antiochos, S. K., Dahlin, J., & DeVore, C. R., “*Magnetic Energy Buildup and Explosive Release*”, 2018tess.conf22202A [ADS](#)
- Mason, E. I., Schlenker, M., & Antiochos, S. K., “*Structure and Dynamics of Helmet Streamer Coronal Rain (or, Is this even the Right Haystack?)*”, 2018tess.conf20542M [ADS](#)
- Schuck, P. W. & Antiochos, S. K., “*Determining the physical mechanism for magnetic helicity injection into the Sun’s corona*”, 2018tess.conf20340S [ADS](#)
- DeVore, C. R., Antiochos, S. K., & Karpen, J. T., “*Multilevel Numerical Simulations of Explosive Magnetic Energy Release at the Sun*”, 2018tess.conf10417D [ADS](#)
- Kumar, P., Karpen, J. T., Antiochos, S. K., et al., “*Evidence for the Magnetic Breakout Model in an Equatorial Coronal-hole Jet*”, 2018ApJ...854...155K [ADS](#)
- Wyper, P. F., DeVore, C. R., & Antiochos, S. K., “*A Breakout Model for Solar Coronal Jets with Filaments*”, 2018ApJ...852...98W [ADS](#)
- Knizhnik, K. J., Antiochos, S. K., DeVore, C. R., & Wyper, P. F., “*The Mechanism for the Energy Buildup Driving Solar Eruptive Events*”, 2017ApJ...851L..17K [ADS](#)
- Dahlin, J. T., Antiochos, S. K., & DeVore, C. R., “*First Demonstration of a Coronal Mass Ejection Driven by Helicity Condensation*”, 2017AGUFM52B..07D [ADS](#)
- Kumar, P., Karpen, J., Antiochos, S. K., et al., “*Evidence for the Magnetic Breakout Model in an Equatorial Coronal-Hole Jet*”, 2017AGUFM52B..02K [ADS](#)
- Schlenker, M., Antiochos, S. K., & MacNeice, P. J., “*The Effects of Thermal Non-Equilibrium on a Helmet Streamer*”, 2017AGUFM52B3D2691S [ADS](#)
- Higginson, A. K., Antiochos, S. K., DeVore, C. R., et al., “*Is the S-Web the Secret to Observed Heliospheric Particle Distributions?*”, 2017AGUFM52B..02H [ADS](#)
- Viall, N. M., Kepko, L., Antiochos, S. K., et al., “*Combining Remote and In Situ Observations with MHD models to Understand the Formation of the Slow Solar Wind*”, 2017AGUFM52C..05V [ADS](#)
- Antiochos, S. K., Knizhnik, K. J., & DeVore, C. R., “*Self-Organization by Stochastic Reconnection: The Mechanism Underlying CMEs/Flares*”, 2017AGUFM51B..01A [ADS](#)
- Dahlin, J. T., Antiochos, S. K., & DeVore, C. R., “*Driving Solar Eruptions via Helicity Condensation*”, 2017SPD...4840605D [ADS](#)
- Antiochos, S. K., Higginson, A. K., & DeVore, C. R., “*Implications of the S-Web Model for Impulsive SEPs*”, 2017SPD...4840403A [ADS](#)
- DeForest, C., Antiochos, S. K., DeVore, C. R., et al., “*Solar Jetlets and Plumes*”, 2017SPD...4830401D [ADS](#)
- Klimchuk, J. A. & Antiochos, S. K., “*Current Sheet Proliferation, Turbulence, and the Heating of the Magnetically-Closed Corona*”, 2017SPD...4830302K [ADS](#)
- Higginson, A. K., Antiochos, S. K., DeVore, C. R., Wyper, P., & Zurbuchen, T. H., “*Slow Solar Wind from S-Web Arcs*”, 2017SPD...4830106H [ADS](#)
- Karpen, J. T., Kumar, P., Antiochos, S. K., Wyper, P., & DeVore, C. R., “*Evidence for the Magnetic Breakout Model in an Equatorial Coronal-Hole Jet*”, 2017SPD...4820303K [ADS](#)
- Wyper, P., Antiochos, S. K., & DeVore, C. R., “*A Universal Model for Solar Eruptions*”, 2017SPD...4820302W [ADS](#)
- DeVore, C. R., Antiochos, S. K., & Karpen, J. T., “*Filament Channel Formation, Eruption, and Jet Generation*”, 2017SPD...4810618D [ADS](#)
- Antiochos, S. K., Higginson, A., & DeVore, C. R. D., “*Observational Tests of Slow Wind Theories*”, 2017shin.confE..75A [ADS](#)
- Higginson, A. K., Antiochos, S. K., DeVore, C. R., Wyper, P. F., & Zurbuchen, T. H., “*Formation of Heliospheric Arcs of Slow Solar Wind*”, 2017ApJ...840L..10H [ADS](#)
- Wyper, P. F., Antiochos, S. K., & DeVore, C. R., “*A universal model for solar eruptions*”, 2017Natur.544..452W [ADS](#)
- Higginson, A. K., Antiochos, S. K., DeVore, C. R., Wyper, P. F., & Zurbuchen, T. H., “*Dynamics of Coronal Hole Boundaries*”, 2017ApJ...837..113H [ADS](#)
- Knizhnik, K. J., Antiochos, S. K., & DeVore, C. R., “*The Role of Magnetic Helicity in Structuring the Solar Corona*”, 2017ApJ...835...85K [ADS](#)
- Borovikov, D., Tenishev, V., Gombosi, T. I., et al., “*Electron Acceleration in Contracting Magnetic Islands during Solar Flares*”, 2017ApJ...835...48B [ADS](#)
- Szente, J., Toth, G., Manchester, W. B., I., et al., “*Coronal Jets Simulated with the Global Alfvén Wave Solar Model*”, 2017ApJ...834..123S [ADS](#)
- Karpen, J. T., DeVore, C. R., Antiochos, S. K., & Parlat, E., “*Reconnection-Driven Coronal-Hole Jets with Gravity and Solar Wind*”, 2017ApJ...834...62K [ADS](#)
- Viall, N. M., Antiochos, S. K., Higginson, A. K., & DeVore, C. R., “*The Dynamics of Open-Field Corridors*”, 2016AGUFM54A..06V [ADS](#)
- Viall, N. M., Kepko, L., & Antiochos, S. K., “*On the Origin of the Slow Solar Wind: Periodic Plasma Release from Pseudostreamers*”, 2016AGUFM54A..05V [ADS](#)
- Karpen, J. T., DeVore, C. R., & Antiochos, S. K., “*Coronal and Heliospheric Impacts of Reconnection-driven Coronal-Hole Jets, and Implications for Plume Formation*”, 2016AGUFM53A..04K [ADS](#)
- Karpen, J., Knizhnik, K. J., DeVore, C. R., & Antiochos, S. K., “*The Formation of Filament Channels in the Corona*”, 2016AGUFM53C2585K [ADS](#)
- Ofman, L., Abbo, L., Antiochos, S. K., et al., “*Fundamental Physics of the Slow Solar Wind - What do we Know?*”, 2016AGUFM542A..010 [ADS](#)
- Klimchuk, J. A., Antiochos, S. K., & Dahlburg, R. B., “*Turbulence, Current Sheet Proliferation, and the Heating of the Magnetically-Closed Corona*”, 2016AGUFM533A..03K [ADS](#)
- Schuck, P. W., Antiochos, S. K., Scherrer, P. H., et al., “*Achieving Consistent Vector Magnetic Field Measurements from SDO/HMI*”, 2016AGUFM531B2575S [ADS](#)

- Szente, J., Manchester, W., Landi, E., et al., "Studying the thermodynamics of coronal jets through modeling- and observational diagnostics techniques", 2016AGUFMSH21E2577S ADS
- Abbo, L., Ofman, L., Antiochos, S. K., et al., "Slow Solar Wind: Observations and Modeling", 2016SSRv..201...55A ADS
- Lynch, B. J., Masson, S., Li, Y., et al., "A model for stealth coronal mass ejections", 2016JGRA...12110677L ADS
- Pariat, E., Dalmasse, K., DeVore, C. R., Antiochos, S. K., & Karpen, J. T., "A model for straight and helical solar jets. II. Parametric study of the plasma beta", 2016A&A...596A...36P ADS
- Szente, J., Toth, G., Manchester, Ward B., I., et al., "Coronal response to EUV jets modeled with the Alfvén Wave Solar Model", 2016usc..confE..72S ADS
- Schuck, P. W., Scherrer, P., Antiochos, S., & Hoeksema, T., "Achieving Consistent Vector Magnetic Field Measurements from SDO/HMI", 2016usc..confE..71S ADS
- Antiochos, S. K., Higginson, A. K., & DeVore, C. R., "The Source of the Slow Wind and the Origin of its Dynamics", 2016usc..confE..18A ADS
- Knizhnik, K. J., DeVore, C. R., & Antiochos, S. K., "A Model for Filament Channel Formation in a Coronal Magnetic Field", 2016shin.confE.136K ADS
- Wyper, P. F., DeVore, C. R., & Antiochos, S., "The Breakout Model for Coronal Jets with Filaments", 2016shin.confE.111W ADS
- Higginson, A. K., Antiochos, S. K., DeVore, C. R., & Zurbuchen, T. H., "Slow Solar Wind at Mid-Latitudes Due to Photospheric Motions", 2016shin.confE..82H ADS
- Antiochos, S. K., "The Variability of the S-Web", 2016shin.confE..75A ADS
- Lynch, B. J., Masson, S., Li, Y., et al., "Streamer Blowout CME Initiation: Not Loss-of-Equilibrium, Not Flux-Cancellation, Not the Kink Instability, and Not the Torus Instability", 2016shin.confE..49L ADS
- Zurbuchen, T. H., Weberg, M., von Steiger, R., et al., "Composition of Coronal Mass Ejections", 2016ApJ...826...10Z ADS
- Schuck, P. W., Antiochos, S. K., Leka, K. D., & Barnes, G., "Achieving Consistent Doppler Measurements from SDO/HMI Vector Field Inversions", 2016ApJ...823...101S ADS
- Wyper, P., DeVore, C. R., & Antiochos, S. K., "The Breakout Model for Coronal Jets with Filaments", 2016SPD...4740203W ADS
- Knizhnik, K., DeVore, C. R., & Antiochos, S. K., "Simulations of Filament Channel Formation in a Coronal Magnetic Field", 2016SPD...4710301K ADS
- Schuck, P. W., Antiochos, S. K., Leka, K. D., & Barnes, G., "Achieving Consistent Doppler Measurements from SDO/HMI Vector Field Inversions", 2016SPD...47.1207S ADS
- Shih, A. Y., Christe, S., Alaoui, M., et al., "Science Objectives of the FOXSI Small Explorer Mission Concept", 2016SPD...47.0814S ADS
- Lynch, B. J., Masson, S., Li, Y., et al., "A Model for Stealth Coronal Mass Ejections", 2016SPD...47.0616L ADS
- DeVore, C. R., Karpen, J. T., Antiochos, S. K., & Uritsky, V., "Switch-on Shock and Nonlinear Kink Alfvén Waves in Solar Polar Jets", 2016SPD...47.0309D ADS
- Kepko, L., Viall, N. M., Antiochos, S. K., et al., "Implications of LI observations for slow solar wind formation by solar reconnection", 2016GeoRL..43.4089K ADS
- Fletcher, L., Cargill, P. J., Antiochos, S. K., & Gudiksen, B. V., "Structures in the Outer Solar Atmosphere", in A. Balogh, A. Bykov, J. Eastwood, and J. Kaastra (Eds.), Multi-scale Structure Formation and Dynamics in Cosmic Plasmas, Vol. 51, 231–269 2016mssf.book..231F ADS
- Lynch, B. J., Masson, S., Li, Y., et al., "On Streamer-Blowout CMEs That Aren't Really CMEs: How the Corona Makes Slow Flux Rope-Like ICMEs Without an Explosive Release of Free Magnetic Energy", 2015AGUFMSH53A2459L ADS
- Inglis, A. R., Christe, S., Glesener, L., et al., "Capabilities of a FOXSI Small Explorer", 2015AGUFMSH43B2456I ADS
- Black, C., Antiochos, S. K., Germaschewski, K., et al., "Shear-Driven Reconnection in Kinetic Models", 2015AGUFMSH43A2432B ADS
- Schuck, P. W. & Antiochos, S. K., "Determining the Energy Transport Through the Photosphere into Corona with HMI", 2015AGUFMSH31B2422S ADS
- Higginson, A. K., Antiochos, S. K., DeVore, C. R., Wyper, P. F., & Zurbuchen, T., "The Dynamics of Coronal-Hole Boundaries", 2015AGUFMSH24A..06H ADS
- Knizhnik, K. J., Antiochos, S. K., DeVore, C. R., Klimchuk, J. A., & Wyper, P. F., "Reconnection Between Twisted Flux Tubes - Implications for Coronal Heating", 2015AGUFMSH13B2439K ADS
- Ofman, L., Abbo, L., Antiochos, S. K., et al., "Slow Solar Wind: Observable Characteristics for Constraining Modelling", 2015AGUFMSH11F..030 ADS
- Antiochos, S. K., DeVore, C. R., Karpen, J. T., & Masson, S., "The Origin and Development of Solar Eruptive Events", 2015AGUFMSH11A2384A ADS
- Knizhnik, K. J., Antiochos, S. K., & DeVore, C. R., "Filament Channel Formation via Magnetic Helicity Condensation", 2015ApJ...809..137K ADS
- Black, C. E., Antiochos, S. K., DeVore, C. R., et al., "Understanding Magnetic Reconnection Drivers: Magnetic Field Shear in Kinetic Models", 2015shin.confE..25B ADS
- Higginson, A. K., Antiochos, S. K., DeVore, C. R., & Zurbuchen, T. H., "Simulations of Coronal-Hole Boundary Dynamics Near Helmet Streamers", 2015shin.confE..19H ADS
- Knizhnik, K. J., Antiochos, S. K., DeVore, C. R., Klimchuk, J. A., & Wyper, P. F., "Helicity Condensation During Reconnection of Twisted Flux Tubes: Implications for Coronal Heating", 2015shin.confE..18K ADS
- Antiochos, S. K., "Understanding the Effects of 3D Reconnection in a Breakout CME", 2015shin.confE...5A ADS
- Zhao, L., DeVore, C. R., Antiochos, S. K., & Zurbuchen, T. H., "Erratum: textquotedblleftNumerical Simulations of Helicity Condensation in the Solar Coronatextquotedblright (2015, ApJ, 805, 61)", 2015ApJ...807..113Z ADS
- Fletcher, L., Cargill, P. J., Antiochos, S. K., & Gudiksen, B. V., "Structures in the Outer Solar Atmosphere", 2015SSRv..188..211F ADS
- Zhao, L., DeVore, C. R., Antiochos, S. K., & Zurbuchen, T. H., "Numerical Simulations of Helicity Condensation in the Solar Corona", 2015ApJ...805...61Z ADS
- Karpen, J. T., DeVore, C. R., & Antiochos, S. K., "Modeling Reconnection-driven Polar Jets from the Sun to the Heliosphere", 2015TESS...120303K ADS
- Antiochos, S. K., Masson, S., & DeVore, C. R., "Flare Particle Escape in 3D Solar Eruptive Events", 2015TESS...111404A ADS
- Knizhnik, K. J., Antiochos, S. K., & DeVore, C. R., "Filament Channel Formation Via Magnetic Helicity Condensation", 2015TESS...111305K ADS
- Black, C., Antiochos, S. K., Karpen, J. T., Germaschewski, K., & Bessho, N., "Understanding Magnetic Reconnection: The Physical Mechanism Driving Space Weather", 2015TESS...111004B ADS
- Higginson, A. K., Antiochos, S. K., DeVore, C. R., & Zurbuchen, T. H., "3D Simulations of Helmet Streamer Dynamics and Implications for the Slow Solar Wind", 2015TESS...110804H ADS
- DeVore, C. R. & Antiochos, S. K., "Magnetic Reconnection Onset and Energy Release at Current Sheets", 2015TESS...110201D ADS
- DeVore, C. R., Antiochos, S. K., Black, C. E., et al., "A Model for the Electrically Charged Current Sheet of a Pulsar", 2015ApJ...801..109D ADS
- Pariat, E., Dalmasse, K., DeVore, C. R., Antiochos, S. K., & Karpen, J. T., "Model for straight and helical solar jets. I. Parametric studies of the magnetic field geometry", 2015A&A...573A.130P ADS
- Mannucci, A. J., Schwadron, N., Antiochos, S. K., et al., "Strategic Science to Address Current and Future Space Weather Needs", 2014AGUFMSM24A..09M ADS
- Schuck, P. W., Antiochos, S. K., Barnes, G., & Leka, K. D., "Measuring Coronal Energy and Helicity Buildup with SDO/HMI", 2014AGUFMSH44A..08S ADS
- Schwadron, N., Mannucci, A. J., Antiochos, S. K., et al., "Vision for the Future of Lws TR&T", 2014AGUFMSH33B..02S ADS
- Young, A. K., Antiochos, S. K., Linker, J., & Zurbuchen, T., "How Well Does the S-Web Theory Predict In-Situ Observations of the Slow Solar Wind?", 2014AGUFMSH33A4124Y ADS
- Knizhnik, K. J., Antiochos, S. K., & DeVore, C. R., "Simulations of Filament Channel Formation", 2014AGUFMSH23C..06K ADS
- Black, C., Antiochos, S. K., DeVore, C. R., et al., "X-Point Reconnection from Shear Driving in Kinetic Simulations", 2014AGUFMSH23A4154B ADS
- Antiochos, S. K., "Implications of the S-Web for the Corona and Inner Heliosphere", 2014AGUFMSH21B4100A ADS
- Masson, S., Antiochos, S. K., & DeVore, C. R., "The role of CME in the escape of solar energetic particles", 2014shin.confE..81M ADS
- Young, A. K., Antiochos, S., DeVore, C., & Zurbuchen, T., "Simulation of S-Web Corridor Dynamics", 2014shin.confE..64Y ADS
- Knizhnik, K. J., Antiochos, S. K., & DeVore, C. R., "A Model for the Formation of Filament Channels on the Sun", 2014shin.confE..63K ADS
- Black, C., Antiochos, S. K., DeVore, C. R., Karpen, J. T., & Germaschewski, K., "CME Initiation Driven by Velocity-Shear Kinetic Reconnection Simulations", 2014shin.confE..40B ADS
- Knizhnik, K. J., Antiochos, S. K., & DeVore, C. R., "A Model for the Formation of Filament Channels on the Sun", 2014AAS...22440802K ADS
- Antiochos, S. K., DeVore, C. R., Karpen, J. T., & Guidoni, S., "The Onset of Fast Magnetic Reconnection in Solar and Laboratory Plasmas", 2014AAS...22440306A ADS
- Black, C., Antiochos, S. K., Karpen, J. T., DeVore, C. R., & Germaschewski, K., "CME Initiation Driven by Velocity-Shear Kinetic Reconnection Simulations", 2014AAS...22440303B ADS
- Young, A., Antiochos, S. K., DeVore, C. R., & Zurbuchen, T. H., "Simulation of S-Web Corridor Dynamics", 2014AAS...22440203Y ADS

- DeVore, C. R., Karpen, J. T., & Antiochos, S. K., “Solar Polar Jets Driven by Magnetic Reconnection, Gravity, and Wind”, 2014AAS...22432351D ADS
- Masson, S., Antiochos, S. K., & DeVore, C. R., “The Role of CMEs in the Escape of Solar Energetic Particles”, 2014AAS...22421837M ADS
- Lynch, B. J., Masson, S., Li, Y., et al., “Numerical Simulation of a Slow Streamer-Blowout CME”, 2014AAS...22421816L ADS
- DeVore, C. R., Antiochos, S. K., Black, C., et al., “A Model for the Electrically Charged Current Sheet of a Pulsar”, 2014AAS...22412111D ADS
- Black, C., DeVore, C. R., Antiochos, S. K., et al., “Kinetic Simulations of the Electrically Charged Current Sheet of a Pulsar”, 2014AAS...22412110B ADS
- Leake, J. E., Linton, M. G., & Antiochos, S. K., “Simulations of Emerging Magnetic Flux. II. The Formation of Unstable Coronal Flux Ropes and the Initiation of Coronal Mass Ejections”, 2014ApJ...787...46L ADS
- Mackay, D. H., DeVore, C. R., & Antiochos, S. K., “Global-scale Consequences of Magnetic-helicity Injection and Condensation on the Sun”, 2014ApJ...784...164M ADS
- Masson, S., Antiochos, S. K., & DeVore, C. R., “Particle escape in the interplanetary medium: Link between CME observations and MHD simulations”, 2014cosp...40E2031M ADS
- Black, C., Antiochos, S. K., DeVore, C. R., et al., “Kinetic Simulations of the Electrically Charged Current Sheet of a Pulsar”, 2014AAS...22315327B ADS
- DeVore, C. R., Antiochos, S. K., Black, C. E., et al., “A Model for the Electrically Charged Current Sheet of a Pulsar”, 2014AAS...22315326D ADS
- Masson, S., Antiochos, S. K., & DeVore, C. R., “The Effects of Solar Eruption Dynamics on Particle Escape”, 2013SPD...4420304M ADS
- Antiochos, S. K. & DeVore, C. R., “Helicity Condensation as the Origin of Coronal and Solar Wind Structure”, 2013SPD...4410101A ADS
- Linton, M., Leake, J. E., & Antiochos, S. K., “The Formation and Evolution of Coronal Flux Ropes Created by Dynamical Flux Emergence”, 2013SPD...44...105L ADS
- Black, C., Antiochos, S. K., Karpen, J. T., Germaschewski, K., & DeVore, C. R., “CME Initiation Driven by Velocity-Shear Kinetic Reconnection Simulations”, 2013SPD...44...104B ADS
- Leake, J., Linton, M., & Antiochos, S. K., “The Initiation of Coronal Mass Ejections (CMEs) by Dynamical Magnetic Flux Emergence”, 2013SPD...44...46L ADS
- Karpen, J. T., DeVore, C. R., & Antiochos, S. K., “Modeling Reconnection-Driven Solar Polar Jets with Gravity and Wind”, 2013SPD...44...43K ADS
- Antiochos, S. K., “Helicity Condensation as the Origin of Coronal and Solar Wind Structure”, 2013ApJ...772...72A ADS
- Masson, S., Antiochos, S. K., & DeVore, C. R., “A Model for the Escape of Solar-flare-accelerated Particles”, 2013ApJ...771...82M ADS
- Antiochos, S. K., DeVore, C. R., Thompson, B. J., et al., “The ISS Space Plasma Laboratory: A Proposed Orbital Solar Physics Simulation Lab”, 2013shin.confE.162A ADS
- Masson, S., Antiochos, S. K., & DeVore, C. R., “A Model for the Escape of Solar-Flare Accelerated Particles”, 2013shin.confE.132M ADS
- Black, C., Antiochos, S. K., Karpen, J., DeVore, C. R., & Germaschewski, K., “Velocity-Shear Driven CME Initiation in Kinetic Reconnection Simulations”, 2013shin.confE..79B ADS
- Antiochos, S. K., “The Magnetic Topology of Slow Wind Sources”, 2013shin.confE..19A ADS
- Young, A. K., Antiochos, S. K., Karpen, J. T., DeVore, C. R., & Zurbuchen, T. H., “Simulation of S-Web Corridor Dynamics”, 2013shin.confE...2Y ADS
- Schuck, P. W., Antiochos, S. K., & Linton, M., “Helicity transport through the photosphere”, 2013AGUSMSH53C..04S 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
- Young, A. K., Antiochos, S. K., Karpen, J., DeVore, C. R., & Zurbuchen, T., “Simulation of S-Web Corridor Dynamics”, 2012AGUFMSH53A2267Y ADS
- Antiochos, S. K., “The Magnetic Topology of Slow Wind Sources”, 2012AGUFMSH52A..05A ADS
- Black, C., Antiochos, S. K., Karpen, J., DeVore, C. R., & Germaschewski, K., “Kinetic Reconnection Simulations for CME Initiation Driven by Velocity-Shear”, 2012AGUFMSH51A2213B ADS
- Antiochos, S. K., Linker, J. A., Lionello, R., et al., “The Structure and Dynamics of the Corona-Heliosphere Connection”, 2012SSRv..172..169A ADS
- Karpen, J. T., Antiochos, S. K., & DeVore, C. R., “The Mechanisms for the Onset and Explosive Eruption of Coronal Mass Ejections and Eruptive Flares”, 2012ApJ...760...81K ADS
- Pariat, E., Antiochos, S., DeVore, C. R., & Dalmasse, K., “Existence of two MHD reconnection modes in a solar 3D magnetic null point topology”, 2012cosp...39.1450P ADS
- Pariat, E., Antiochos, S., & DeVore, C. R., “Generation of plasma flows and waves during the development of coronal jets”, 2012cosp...39.1449P ADS
- Masson, S., Antiochos, S. K., & DeVore, C. R., “The effect of magnetic topology on the escape of flare accelerated particles”, 2012shin.confE..84M ADS
- Linton, M. G., Leake, J., Schuck, P., & Antiochos, S., “Investigating the Sources of Solar Activity via Flux Emergence Simulations”, 2012shin.confE..41L ADS
- Masson, S., Antiochos, S. K., & DeVore, C. R., “The effect of magnetic topology on the escape of flare-accelerated particles”, 2012shin.confE..20M ADS
- Dalmasse, K., Pariat, E., Antiochos, S. K., & DeVore, C. R., “Coronal jets in an inclined coronal magnetic field : a parametric 3D MHD study”, 2012EAS...55..201D ADS
- Masson, S., Antiochos, S. K., & DeVore, C. R., “The Effect of Magnetic Topology on the Escape of Flare-accelerated Particles”, 2012AAS...22051606M ADS
- Antiochos, S. K., Karpen, J. T., & DeVore, C. R., “Understanding Solar Flares”, 2012AAS...22041001A ADS
- Rager, A., Thompson, B. J., Antiochos, S. K., Thernisien, A., & Thompson, W. T., “Comparison of Prominence Structures with Instances of Flux Rope CMEs in STEREO Data”, 2012AAS...22020004R ADS
- Crooker, N. U., Antiochos, S. K., Zhao, X., & Neugebauer, M., “Global network of slow solar wind”, 2012JGRA..117.4104C ADS
- Antiochos, S. K., “The Role of Topology in the Energetics of the Coupled Solar Atmosphere”, 2012decs.confE..43A ADS
- Wang, L., Antiochos, S. K., Bessho, N., et al., “Forced Magnetic Reconnection at an X-point: Comparative Fluid and Fully Kinetic Studies”, 2011AGUFMSM23B2049W ADS
- Antiochos, S. K., Karpen, J. T., & DeVore, C. R., “Consequences of the Breakout Model for Particle Acceleration in CMEs and Flares”, 2011AGUFMSH51E..01A ADS
- Antiochos, S. K., “The Magnetic Connectivity of the Sun to the Heliosphere”, 2011AGUFMSH43F..05A ADS
- Lynch, B. J., Li, Y., Antiochos, S. K., et al., “Numerical Simulation of a “Stealth” CME: Why Slow and Simple is Not Mysterious”, 2011AGUFMSH43A1937L ADS
- Masson, S., Antiochos, S. K., & DeVore, C. R., “CMEs with multiple reconnection sites : A model for energetic particle injection”, 2011AGUFMSH43A1931M ADS
- Zhao, L., Antiochos, S. K., & DeVore, C. R., “A Numerical Simulation for the Origins of Solar Magnetic Structure”, 2011AGUFMSH43A1930Z ADS
- DeVore, C. R., Antiochos, S. K., Karpen, J. T., & Black, C., “Magnetohydrodynamic Simulations of Current-Sheet Formation and Reconnection at a Magnetic X Line”, 2011AGUFMSH43A1923D ADS
- Black, C., Antiochos, S. K., Hesse, M., et al., “Current-Sheet Formation and Reconnection at a Magnetic X Line in Particle-in-Cell Simulations”, 2011AGUFMSH43A1919B ADS
- Gilbert, H. R., DeVore, C. R., Karpen, J. T., et al., “Ion-neutral Coupling in Solar Prominences”, 2011AGUFMSH13B1953G ADS
- Leake, J. E., Linton, M. G., & Antiochos, S. K., “Erratum: “Tests of Dynamical Flux Emergence as a Mechanism for Coronal Mass Ejection Initiation” (2010, ApJ, 722, 550)”, 2011ApJ...741..125L ADS
- Lewis, W. S., Antiochos, S. K., & Drake, J. F., “Preface”, 2011SSRv..160...1L 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
- DeVore, C. R. & Antiochos, S. K., “Current Sheet Formation and Reconnection at a Magnetic X Line”, 2011SPD...42.1820D ADS
- Antiochos, S. K., Karpen, J. T., & DeVore, C. R., “CME Onset and Take-off”, 2011SPD...42.1302A 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
- Gruesbeck, J. R., Lepri, S. T., Zurbuchen, T. H., & Antiochos, S. K., “Constraints on Coronal Mass Ejection Evolution from in Situ Observations of Ionic Charge States”, 2011ApJ...730..103G ADS
- DeVore, C. R., Karpen, J. T., & Antiochos, S. K., “High-Resolution Numerical Simulations of Breakout Coronal Mass Ejections”, 2010AGUFMSM31B1875D ADS

- Antiochos, S. K., Karpen, J. T., & DeVore, C. R., "Multiscale Modeling of Solar Coronal Magnetic Reconnection", 2010AGUFMSM31B1873A ADS
- Lynch, B. J., Li, Y., Antiochos, S. K., DeVore, C. R., & Fisher, G. H., "On tether-cutting reconnection in sheared coronal arcades", 2010AGUFMSH31A1791L ADS
- Gruesbeck, J. R., Lepri, S. T., Zurbuchen, T., & Antiochos, S. K., "Constraints on CME evolution from in situ observations of ionic charge states", 2010AGUFMSH23B1837G ADS
- Leake, J. E., Linton, M. G., & Antiochos, S. K., "Tests of Dynamical Flux Emergence as a Mechanism for Coronal Mass Ejection Initiation", 2010ApJ...722..550L ADS
- Titov, V. S., Mikic, Z., Linker, J. A., Lionello, R., & Antiochos, S., "Magnetic Topology of Coronal Hole Linkages", 2010shin.confE.120T ADS
- Zhao, L., Antiochos, S. K., & DeVore, C. R., "A numerical simulation for the origins of solar magnetic structure", 2010shin.confE.117Z ADS
- Edmondson, J. K., Antiochos, S. K., DeVore, C. R., & Zurbuchen, T. H., "Formation and Reconnection of Three-Dimensional Current Sheets in the Solar Corona", 2010shin.confE.111E ADS
- Edmondson, J. K., Antiochos, S. K., DeVore, C. R., & Zurbuchen, T. H., "Formation and Reconnection of Three-dimensional Current Sheets in the Solar Corona", 2010ApJ...718...72E ADS
- Rachmeler, L. A., Pariat, E., DeForest, C. E., Antiochos, S., & Török, T., "Symmetric Coronal Jets: A Reconnection-controlled Study", 2010ApJ...715.1556R ADS
- Pariat, E., Antiochos, S. K., & DeVore, C. R., "Three-dimensional Modeling of Quasi-homologous Solar Jets", 2010ApJ...714.1762P ADS
- Klimchuk, J. A., Karpen, J. T., & Antiochos, S. K., "Can Thermal Nonequilibrium Explain Coronal Loops?", 2010ApJ...714.1239K ADS
- Edmondson, J. K., Antiochos, S. K., DeVore, C. R., Lynch, B. J., & Zurbuchen, T. H., "Interchange Reconnection and Coronal Hole Dynamics", 2010ApJ...714...517E ADS
- Edmondson, J. K., Antiochos, S. K., DeVore, C., Velli, M., & Zurbuchen, T. H., "Formation and Reconnection of Three-Dimensional Current Sheets in the Solar Corona", 2010AAS...21640701E ADS
- DeVore, C. R. & Antiochos, S. K., "Sympathetic Coronal Mass Ejections Originating in Complex Source Regions", 2010AAS...21640613D ADS
- Karpen, J. T., DeVore, C. R., & Antiochos, S. K., "Reconnection Onset in the Breakout Model for CME Initiation", 2010AAS...21640605K ADS
- Antiochos, S. K., Mikic, Z., Lionello, R., Titov, V., & Linker, J., "A Model for the Sources of the Slow Solar Wind", 2010AAS...21640521A ADS
- Mikic, Z., Titov, V. S., Linker, J. A., et al., "Interpreting Small-Scale Structure from High Resolution Global MHD Simulations", 2010AAS...21640503M ADS
- Leake, J. E., Linton, M., & Antiochos, S., "Tests of Dynamical Flux Emergence as a Mechanism for CME Initiation", 2010AAS...21631402L ADS
- Klimchuk, J. A., Nigro, G., Dahlburg, R. B., & Antiochos, S. K., "The Existence and Origin of Turbulence in Solar Active Regions", 2010AAS...21630205K ADS
- Karpen, J. T., Antiochos, S. K., DeVore, C. R., & Linton, M. G., "A Numerical Investigation of Unsheared Flux Cancellation", 2010ASSP...19...518K ADS
- Edmondson, J. K., Lynch, B. J., Antiochos, S. K., DeVore, C. R., & Zurbuchen, T. H., "Reconnection-Driven Dynamics of Coronal-Hole Boundaries", 2009ApJ...707.1427E ADS
- Klimchuk, J. A., Nigro, G., Dahlburg, R. B., & Antiochos, S. K., "The Existence and Origin of Turbulence in Solar Active Regions", 2009AGUFMSM42B...03K ADS
- Rachmeler, L. A., DeForest, C. E., DeVore, C. R., & Antiochos, S. K., "Fluxon modeling of breakout CMEs", 2009AGUFMSH41B1675R ADS
- Titov, V. S., Mikic, Z., Linker, J. A., Antiochos, S. K., & Lionello, R., "Investigating the Topology of the textquotedblleftDisconnectiontextquotedblright of Coronal Holes", 2009AGUFMSH41B1665T ADS
- Antiochos, S. K., Mikic, Z., Lionello, R., Titov, V. S., & Linker, J. A., "Implications of the Deep Minimum for Slow Solar Wind Origin", 2009AGUFMSH11A1502A ADS
- Antiochos, S., "Impulsive Reconnection in the Sun's Atmosphere", 2009APS..DPPJM9001A ADS
- Edmondson, J. K., Antiochos, S. K., DeVore, C. R., & Zurbuchen, T. H., "Current Sheet Formation, Stability, and Reconnection Dynamics in MHD", 2009shin.confE.188E ADS
- Linker, J. A., Lionello, R., Mikic, Z., Titov, V. S., & Antiochos, S., "Do Closed Field Regions Contribute Plasma to the Slow Solar Wind?", 2009shin.confE.140L ADS
- Lynch, B. J., Edmondson, J. K., Li, Y., et al., "Observational Signatures of Reconnection-Driven Changes in the Open-Closed Magnetic Field Boundary", 2009shin.confE.134L ADS
- Lionello, R., Linker, J. A., Mikic, Z., Titov, V. S., & Antiochos, S., "Small Bipoles Interacting with a Coronal Hole: MHD Simulations", 2009shin.confE.128L ADS
- Lynch, B. J., Antiochos, S. K., Li, Y., Luhmann, J. G., & DeVore, C. R., "Rotation of Coronal Mass Ejections during Eruption", 2009ApJ...697.1918L ADS
- Pariat, E., Antiochos, S. K., & DeVore, C. R., "Generation of Homologous Coronal Jets", 2009SPD...40.3201P ADS
- Antiochos, S. K., "The Origins of Magnetic Structure in the Corona and Wind", 2009SPD...40.3104A ADS
- Kramar, M., Davila, J., Xie, H., & Antiochos, S., "On The 3D Structure of the Pre- and After CME Coronal Streamer Belt", 2009SPD...40.2211K ADS
- DeVore, C. R., Karpen, J. T., & Antiochos, S. K., "Simulations of Flare Reconnection in Breakout Coronal Mass Ejections", 2009SPD...40.2007D ADS
- Edmondson, J. K., Antiochos, S. K., DeVore, C., & Zurbuchen, T. H., "Current Sheet Formation and Reconnection Dynamics in the Solar Corona", 2009SPD...40.1401E ADS
- Edmondson, J. K., Antiochos, S. K., DeVore, C., & Zurbuchen, T. H., "Current Sheet Formation and Reconnection Dynamics in the Solar Corona", 2009SPD...40.1305E ADS
- Karpen, J. T., DeVore, C., Antiochos, S. K., & Linton, M. G., "2D and 3D Numerical Simulations of Flux Cancellation", 2009SPD...40.0902K ADS
- Pariat, E., Antiochos, S. K., & DeVore, C. R., "A Model for Solar Polar Jets", 2009ApJ...691...61P ADS
- Edmondson, J. K., Antiochos, S. K., & Zurbuchen, T. H., "Dynamic Instability Leading to Increased Interchange Reconnection Rates", 2008AGUFMSH51B1605E ADS
- Lynch, B. J., Edmondson, J. K., Li, Y., et al., "Reconnection-Driven Changes of the Open-Closed Coronal Magnetic Field Boundary", 2008AGUFMSH51A1598L ADS
- Antiochos, S., "Topological Origins of the Slow Solar Wind", 2008AGUFMSH43B...07A ADS
- Müller, D. A. N. & Antiochos, S. K., "Topologically driven coronal dynamics - a mechanism for coronal hole jets", 2008AnGeo...26.2967M ADS
- Pariat, E., Antiochos, S., DeVore, C. R., & Patsourakos, S., "3D Numerical Simulation of a New Model for Coronal Jets", 2008ESPM...12.3.28P ADS
- Lynch, B. J., Antiochos, S. K., DeVore, C. R., Luhmann, J. G., & Zurbuchen, T. H., "Topological Evolution of a Fast Magnetic Breakout CME in Three Dimensions", 2008ApJ...683.1192L ADS
- Patsourakos, S., Pariat, E., Vourlidas, A., Antiochos, S. K., & Wuelser, J. P., "STEREO SECCHI Stereoscopic Observations Constraining the Initiation of Polar Coronal Jets", 2008ApJ...680L...73P ADS
- DeVore, C. R. & Antiochos, S. K., "Homologous Confined Filament Eruptions via Magnetic Breakout", 2008ApJ...680...740D ADS
- Pariat, E., Antiochos, S. K., Patsourakos, S., & DeVore, C. R., "3D Numerical Simulation and Stereoscopic Observations of Coronal Jets", 2008AGUSMSP53A...05P ADS
- Rachmeler, L. A., Pariat, E., Antiochos, S. K., & DeForest, C. E., "Modeling Coronal Jets with FLUX", 2008AGUSMSP43B...01R ADS
- Antiochos, S. K., "Coronal Heating and Structure", 2008AGUSMSP33A...03A ADS
- Lynch, B. J., Li, Y., Luhmann, J. G., Antiochos, S. K., & DeVore, C. R., "On the Rotation of 'Flux Rope' CMEs During Eruption", 2008AGUSMSP24A...04L ADS
- DeVore, C. & Antiochos, S. K., "Simulated Coronal Mass Ejections Originating in Complex Source Regions", 2008AGUSMSP24A...03D ADS
- Vourlidas, A., Patsourakos, S., Pariat, E., & Antiochos, S., "Understanding the Initiation of Polar Coronal Jets with STEREO/SECCHI Stereoscopic Observations", 2008AGUSMSH23A...02V ADS
- Müller, D. A. N. & Antiochos, S. K., "A Mechanism for Coronal Hole Jets", 2008arXiv0804.3995M ADS
- Karpen, J. T. & Antiochos, S. K., "Condensation Formation by Impulsive Heating in Prominences", 2008ApJ...676...658K ADS
- Lepri, S. T., Antiochos, S. K., Riley, P., Zhao, L., & Zurbuchen, T. H., "Comparison of Heliospheric In Situ Data with the Quasi-steady Solar Wind Models", 2008ApJ...674.1158L ADS
- Pariat, E., Antiochos, S., Patsourakos, S., & DeVore, C. R., "3D numerical simulation and stereoscopic observations of coronal jets.", 2008cosp...37.2354P ADS
- DeVore, C. R., Lynch, B., MacNeice, P., Olson, K., & Antiochos, S., "Breakout coronal mass ejections from solar active regions", 2008cosp...37...706D ADS
- Antiochos, S., "The role of magnetic reconnection in solar activity", 2008cosp...37...102A 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

- Lynch, B. J., Li, Y., Huttunen, K. E., et al., "In-situ and Numerical Modeling Prospects for Multipoint ICME Observations Featuring the 22 May 2007 STEREO Event", 2007AGUFM5H1B..04L ADS
- Antiochos, S. K., "Solar Reconnection", 2007AGUFM5H41C..01A ADS
- Pariat, E., Patsourakos, S., Antiochos, S. K., & DeVore, C. R., "Comparison of 3D Numerical Simulations with STEREO Observations of Coronal Jets", 2007AGUFM5H41B..03P ADS
- Antiochos, S. K., Pariat, E., & DeVore, C., "A Model for Coronal Hole Jets", 2007AGUFM5H21B..01A ADS
- Lepri, S. T., Antiochos, S. K., Riley, P., Zhao, L., & Zurbuchen, T. H., "Comparison of Heliospheric In-Situ Data with the Quasi-Steady Solar Wind Models", 2007AGUFM5H21A0296L ADS
- Müller, D. & Antiochos, S. K., "A Mechanism for Coronal Hole Jets", 2007AAS...210..9117M ADS
- DeVore, C. R. & Antiochos, S. K., "Homologous Confined Filament Eruptions via Magnetic Breakout", 2007AAS...210..2901D ADS
- Allred, J. C., MacNeice, P. J., & Antiochos, S. K., "An MHD Simulation of an Emerging Bipole in the Presence of the Solar Wind", 2006AGUFM5H33B0409A ADS
- Lynch, B. J., Antiochos, S. K., DeVore, C. R., & Luhmann, J. G., "Energetics and Dynamics of Bipolar and Multipolar CME Source Regions", 2006AGUFM5H31B..04L ADS
- Antiochos, S. K., "Constraints on the Sun-Heliosphere Magnetic Connection", 2006AGUFM5H21B..04A ADS
- Aulanier, G., DeVore, C. R., & Antiochos, S. K., "Solar Prominence Merging", 2006ApJ...646..1349A ADS
- Welsch, B., DeVore, C., & Antiochos, S. K., "Modeling Free Energy & Reconnection in the Corona", 2006SPD...37..0908W ADS
- DeVore, C. R. & Antiochos, S. K., "Sympathetic Breakout Coronal Mass Ejections", 2006SPD...37..0906D ADS
- Karpen, J. T. & Antiochos, S. K., "Impulsive Heating And Thermal Nonequilibrium In Prominences", 2006SPD...37..0203K ADS
- Spadaro, D., Lanza, A. F., Karpen, J. T., & Antiochos, S. K., "A Transient Heating Model for the Structure and Dynamics of the Solar Transition Region", 2006ApJ...642..5795 ADS
- MacNeice, P., Gao, J., & Antiochos, S., "A numerical simulation of an asymmetric breakout model for CMEs", 2006AGUSM5H52A..04M ADS
- Antiochos, S., "The Dynamics of Magnetic Reconnection in the Solar Atmosphere", 2006APS..APR.E3001A ADS
- Forbes, T. G., Linker, J. A., Chen, J., et al., "CME Theory and Models", 2006SSRv...123..251F 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
- Karpen, J. T., Antiochos, S. K., & Klimchuk, J. A., "The Origin of High-Speed Motions and Threads in Prominences", 2006ApJ...637..531K ADS
- Dahlburg, R. B., Klimchuk, J. A., & Antiochos, S. K., "DC coronal heating and the nonlinear evolution of current sheets", 2006AdSpR...37..1342D ADS
- Karpen, J. T., Tanner, S. E. M., Antiochos, S. K., & DeVore, C. R., "Prominence Formation by Thermal Nonequilibrium in the Sheared-Arcade Model", 2005ApJ...635..1319K ADS
- Welsch, B. T., DeVore, C. R., & Antiochos, S. K., "Magnetic Reconnection Models of Prominence Formation", 2005ApJ...634..1395W ADS
- Antiochos, S. K., "The Topology of Magnetic Reconnection in the Sun's Corona", 2005AGUFM5M12A..07A ADS
- Lepri, S. T., Antiochos, S. K., & Riley, P., "A Study of the Global Heliospheric Magnetic Flux Using In-Situ Data and the SAIC MHD Model", 2005AGUFM5H13B..08L ADS
- Lynch, B. J., Antiochos, S. K., DeVore, C. R., & Zurbuchen, T. H., "Observational Implications of 3D Breakout", 2005AGUFM5H12A..02L ADS
- Magara, T., Antiochos, S. K., DeVore, C. R., & Linton, M. G., "A Mechanism for the Emergence of Magnetic U-Loops and Flux Cancellation on the Sun", 2005ESASP..596E..74M ADS
- Lynch, B. J., Antiochos, S. K., DeVore, C. R., & Zurbuchen, T. H., "The Breakout Model for CME Initiation in 3-Dimensions", 2005ESASP..592..297L ADS
- Lynch, B. J., Gruesbeck, J. R., Zurbuchen, T. H., & Antiochos, S. K., "Solar cycle-dependent helicity transport by magnetic clouds", 2005JGRA...110..8107L ADS
- DeVore, C. R., Antiochos, S. K., & Aulanier, G., "Solar Prominence Interactions", 2005ApJ...629..1122D ADS
- DeVore, C. R. & Antiochos, S. K., "Magnetic Free Energies of Breakout Coronal Mass Ejections", 2005ApJ...628..1031D ADS
- Linton, M. G. & Antiochos, S. K., "Magnetic Flux Tube Reconnection: Tunneling Versus Slingshot", 2005ApJ...625..506L ADS
- Phillips, A. D., MacNeice, P. J., & Antiochos, S. K., "The Role of Magnetic Helicity in Coronal Mass Ejections", 2005ApJ...624L..129P ADS
- Choe, G. S., Cheng, C. Z., Lee, J., et al., "3D Numerical Simulations of the Breakout Model", 2005AGUSM5P43C..02C ADS
- Karpen, J., Antiochos, S., & Klimchuk, J., "The Origin of High-Speed Motions and Threads in Solar Prominences", 2005AGUSM5P21B..02K ADS
- Magara, T., Antiochos, S. K., DeVore, C. R., & Linton, M. G., "A Mechanism for the Flux Cancellation Caused by Emerging Magnetic U-Loops in the Sun", 2005AGUSM5H51C..01M ADS
- Antiochos, S. K., "New Frontiers/Hale Prize Lecture: Coronal Mass Ejections, the Most Powerful Drivers of the Sun-Earth System", 2005AGUSM.U15A..01A ADS
- Antiochos, S. K., "Coronal Mass Ejections: the Most Powerful Drivers of the Sun-Earth System", 2005AAS...206..2001A ADS
- Dahlburg, R. B., Klimchuk, J. A., & Antiochos, S. K., "An Explanation for the 'Switch-On' Nature of Magnetic Energy Release and Its Application to Coronal Heating", 2005ApJ...622..1191D ADS
- Welsch, B. T., DeVore, C. R., & Antiochos, S. K., "Prominence Formation Processes", 2005HiA...13..127W ADS
- Lynch, B. J., Antiochos, S. K., MacNeice, P. J., Zurbuchen, T. H., & Fisk, L. A., "Observable Properties of the Breakout Model for Coronal Mass Ejections", 2004ApJ...617..589L ADS
- Antiochos, S. K., DeVore, R., & Karpen, J. T., "The Effects of Topology on Magnetic Reconnection", 2004AGUFM5M43B..06A ADS
- Lepri, S. T., Antiochos, S. K., & Zurbuchen, T. H., "Variability of the Heliospheric Magnetic Flux", 2004AGUFM5H31A1164L ADS
- Lynch, B. J., Antiochos, S. K., DeVore, C. R., & Zurbuchen, T. H., "3D Breakout: Preliminary Results", 2004AGUFM5H21B0400L ADS
- Gao, J., MacNeice, P., & Antiochos, S., "Simulating The Breakout Model In An Asymmetric Configuration", 2004AGUFM5H13A1151G ADS
- MacNeice, P., Antiochos, S. K., Phillips, A., et al., "A Numerical Study of the Breakout Model for Coronal Mass Ejection Initiation", 2004ApJ...614..1028M ADS
- Patsourakos, S., Antiochos, S. K., & Klimchuk, J. A., "A Model for Bright Extreme-Ultraviolet Knots in Solar Flare Loops", 2004ApJ...614..1022P ADS
- Warren, H. P. & Antiochos, S. K., "Thermal and Nonthermal Emission in Solar Flares", 2004ApJ...611L..49W ADS
- Patsourakos, S., Antiochos, S., & Klimchuk, J., "Bright EUV Knots in Solar Flare Loops: Constraints on Coronal Heating", 2004AAS...204..8705P ADS
- Welsch, B. T., DeVore, C. R., & Antiochos, S. K., "Flux Collision Models of Prominence Formation, or Breaking Up is Hard to Do", 2004AAS...204..5505W ADS
- DeVore, C. R. & Antiochos, S. K., "The Sheared-Arcade Model for Solar Prominences", 2004AAS...204..5504D ADS
- Karpen, J. T., Tanner, S. E. M., Antiochos, S. K., & DeVore, C. R., "Prominence formation through thermal nonequilibrium in a sheared arcade", 2004AAS...204..5502K ADS
- Lynch, B. J., Gruesbeck, J. R., Zurbuchen, T. H., & Antiochos, S. K., "Magnetic Cloud Net Cumulative Helicity During Solar Cycle 23", 2004AAS...204..3803L ADS
- Antiochos, S. K., DeVore, C. R., & MacNeice, P. J., "The Topology Of Solar Eruptions", 2004AAS...204..2706A ADS
- Dahlburg, R. B., Klimchuk, J. A., & Antiochos, S. K., "DC coronal heating and the nonlinear evolution of current sheets", 2004cosp...35..2721D ADS
- Antiochos, S., "Reconnection in solar flares and coronal mass ejections", 2004cosp...35..2381A ADS
- Magara, T., Antiochos, S. K., & Luhmann, J. G., "The role of flux emergence as a driver of coronal mass ejections", 2003AGUFM5H42B0512M ADS
- Antiochos, S. K., "The Coronal Magnetic Field Predicted by the Breakout Model", 2003AGUFM5H41A..02A ADS
- Lynch, B. J., MacNeice, P. J., Antiochos, S. K., & Zurbuchen, T. H., "Comparison of the Breakout Model With Flare-Loop and Ionic Composition Data", 2003AGUFM5H22B..08L ADS
- Dahlburg, R. B., Klimchuk, J. A., & Antiochos, S. K., "Coronal energy release via ideal three-dimensional instability three-dimensional instability", 2003AdSpR...32..1029D ADS
- Karpen, J. T., Antiochos, S. K., Klimchuk, J. A., & MacNeice, P. J., "Constraints on the Magnetic Field Geometry in Prominences", 2003ApJ...593..1187K ADS
- Lynch, B. J., Zurbuchen, T. H., Fisk, L. A., & Antiochos, S. K., "Internal structure of magnetic clouds: Plasma and composition", 2003JGRA...108..1239L ADS
- Antiochos, S. K., Karpen, J. T., DeLuca, E. E., Golub, L., & Hamilton, P., "Constraints on Active Region Coronal Heating", 2003ApJ...590..547A ADS
- DeVore, C. R. & Antiochos, S. K., "The Energetics of Breakout Coronal Mass Ejections", 2003SPD...34..0517D ADS
- Lynch, B. J., MacNeice, P. J., Antiochos, S. K., & Zurbuchen, T. H., "Coronal Mass Ejection Breakout with Adaptive Mesh Refinement", 2003SPD...34..0513L ADS

- Karpen, J. T., Tanner, S. E. M., & Antiochos, S. K., "Effects of nonuniform flux tube area on prominence formation through thermal nonequilibrium", 2003SPD...34.0414K ADS
- Welsch, B. T., DeVore, C. R., Antiochos, S. K., & Linton, M. G., "A Model for Prominence Formation", 2003SPD...34.0413W ADS
- Dahlburg, R. B., Klimchuk, J. A., & Antiochos, S. K., "Coronal Energy Release via Explosive Three-Dimensional Instability", 2003SPD...34.0107D ADS
- Antiochos, S. K., "Coronal Hole Topology", 2003SPD...34.0102A ADS
- Spicer, D. S., MacNeice, P., Antiochos, S., & Finn, J. M., "Helicity Generation and Evolution in Coronal Mass Ejections", 2003IAUJD...3E...5S ADS
- Spadaro, D., Lanza, A. F., Lanzafame, A. C., et al., "A Transient Heating Model for Coronal Structure and Dynamics", 2003ApJ...582..486S ADS
- Linton, M. G. & Antiochos, S. K., "Theoretical Energy Analysis of Reconnecting Twisted Magnetic Flux Tubes", 2002ApJ...581..703L ADS
- Spadaro, D., Lanza, A. F., Lanzafame, A. C., et al., "Hydrodynamics of coronal loops undergoing transient heating", 2002ASPC...277..597S ADS
- Patsourakos, S., Antiochos, S. K., & Klimchuk, J. A., "Bright Knots in EUV Post-flare Loops : TRACE Observations and 1D Hydrodynamic Modeling", 2002AGUFM21C...04P ADS
- Antiochos, S. K., "Coronal Canals", 2002AGUFM21C...03A ADS
- , "Advances and prospects in solar theory", 2002ESASP.505Q...A ADS
- Spadaro, D., Lanza, A. F., Lanzafame, A. C., et al., "Hydrodynamic models of transiently heated coronal loops", 2002ESASP.505..583S ADS
- Antiochos, S. K., "Sheared magnetic fields and eruptive phenomena: prominences, flares, and coronal mass ejections", 2002ESASP.505..219A ADS
- Patsourakos, S., Antiochos, S. K., & Klimchuk, J. A., "Fuzzy hot post-flare loops versus sharp cool post-flare loops", 2002ESASP.505..207P ADS
- Antiochos, S. K., Karpen, J. T., & DeVore, C. R., "Coronal Magnetic Field Relaxation by Null-Point Reconnection", 2002ApJ...575..578A ADS
- Spadaro, D., Lanza, A. F., Lanzafame, A. C., et al., "Hydrodynamic simulations of coronal loops subject to transient heating", 2002ESASP.508..331S ADS
- Lynch, B. J., Zurbuchen, T. H., Fisk, L. A., & Antiochos, S. K., "ACE Magnetic Clouds - Distributions and Statistics", 2002AGUSM21A...05L ADS
- Linton, M. G., Dahlburg, R. B., & Antiochos, S. K., "Reconnection of Twisted Magnetic Flux Tubes", 2002AAS...200.8802L ADS
- DeVore, C. R., Antiochos, S. K., & Aulanier, G., "Simulations of Interactions and Magnetic Reconnection Between Solar Filaments", 2002AAS...200.3720D ADS
- Karpen, J., Antiochos, S. K., & MacNeice, P., "Constraints placed by thermal nonequilibrium on the topology of prominence magnetic fields", 2002AAS...200.3719K ADS
- Klimchuk, J. A., Dahlburg, R. B., & Antiochos, S. K., "An Explanation for the "Switch On" Character of Magnetic Energy Release", 2002AAS...200.1607K ADS
- Antiochos, S. K., Karpen, J. T., DeLuca, E. E., Golub, L., & Hamilton, P., "Active Region Loop Heating", 2002AAS...200.1606A ADS
- Patsourakos, S., Klimchuk, J. A., & Antiochos, S. K., "Hot versus cool coronal loops", 2002AAS...200.0209P ADS
- Antiochos, S., "Magnetic Reconnection in Solar Flares and Coronal Mass Ejections", 2002APS...APRK12003A ADS
- Aulanier, G., DeVore, C. R., & Antiochos, S. K., "Prominence Magnetic Dips in Three-Dimensional Sheared Arcades", 2002ApJ...567L..97A ADS
- Antiochos, S., "Importance of topology", 2002ocnd.confE...1A ADS
- Dahlburg, R., Klimchuk, J., & Antiochos, S., "Coronal energy release via explosive magnetic reconnection", 2002cosp...34E1264D ADS
- Antiochos, S., "CME/Flare energy release", 2002cosp...34E.772A ADS
- Linton, M. G., Antiochos, S. K., & Dahlburg, R. B., "Numerical Simulation and Analytical Prediction of the Reconnection of Twisted Flux Tubes", 2001AGUFM11C0725L ADS
- Antiochos, S. K., Karpen, J. T., DeLuca, E. E., Golub, L., & Hamilton, P., "On the Time Variability of Coronal Heating", 2001AGUFM11A0690A ADS
- Antiochos, S., "The Magnetic Origins of Coronal Mass Ejections", 2001hel1.confE...14A ADS
- Spadaro, D., Lanza, A. F., Lanzafame, A. C., et al., "Hydrodynamics of coronal loops subject to transient heating", 2001ESASP.493..367S ADS
- Linton, M. G., Dahlburg, R. B., & Antiochos, S. K., "Reconnection of Twisted Flux Tubes as a Function of Contact Angle", 2001ApJ...553..905L ADS
- Karpen, J. T., Antiochos, S. K., Hohensee, M., Klimchuk, J. A., & MacNeice, P. J., "Are Magnetic Dips Necessary for Prominence Formation?", 2001ApJ...553L..85K ADS
- Karpen, J. T., Antiochos, S. K., & MacNeice, P. J., "Origin and Evolution of Coronal Condensations", 2001AGUSM.SP61A02K ADS
- Linton, M. G., Dahlburg, R. B., & Antiochos, S. K., "Reconnection of Twisted Magnetic Flux Tubes as a Solar Flare Mechanism", 2001AGUSM.SP42A11L ADS
- Antiochos, S. K., "Evidence for Magnetic Reconnection in CMEs and Eruptive Flares", 2001AGUSM.SM22A01A ADS
- DeVore, C. R. & Antiochos, S. K., "Structure and Stability of Multipolar Prominence Magnetic Fields", 2001AGUSM.SH41C09D ADS
- Antiochos, S. K., "The Role of Magnetic Flux Ropes in CMEs", 2001AGUSM.SH41C05A ADS
- Lanza, A. F., Spadaro, D., Lanzafame, A. C., et al., "Extreme-Ultraviolet Transition-Region Line Emission during the Dynamic Formation of Prominence Condensations", 2001ApJ...547.1116L ADS
- Spadaro, D., Lanza, A. F., Lanzafame, A. C., Antiochos, S. K., & O'Mullane, M. G., "EUV line emission during the dynamic formation of prominence condensations", 2001MmSAI...72..591S ADS
- Antiochos, S. K., DeLuca, E. E., Golub, L., & McMullen, R. A., "Determination of Flare Heating and Cooling Using the Transition Region and Coronal Explorer", 2000ApJ...542L.151A ADS
- Klimchuk, J. A., Antiochos, S. K., & Norton, D., "Twisted Coronal Magnetic Loops", 2000ApJ...542..504K ADS
- Aulanier, G., DeLuca, E. E., Antiochos, S. K., McMullen, R. A., & Golub, L., "The Topology and Evolution of the Bastille Day Flare", 2000ApJ...540.1126A ADS
- DeVore, C. R. & Antiochos, S. K., "Dynamical Formation and Stability of Helical Prominence Magnetic Fields", 2000ApJ...539..954D ADS
- Antiochos, S. K., MacNeice, P. J., & Spicer, D. S., "The Thermal Nonequilibrium of Prominences", 2000ApJ...536..494A ADS
- Aulanier, G., Antiochos, S. K., DeLuca, E. E., McMullen, R. A., & Golub, L., "The Topology and Evolution of the Bastille Day Flare Observed by TRACE", 2000SPD...31.1402A ADS
- DeVore, C. R. & Antiochos, S. K., "Formation and Stability of Helical Prominence Magnetic Fields", 2000SPD...31.1401D ADS
- Linton, M. G., Dahlburg, R. B., & Antiochos, S. K., "Reconnection of Orthogonal Magnetic Flux Tubes", 2000SPD...31.0150L ADS
- Antiochos, S. K., Karpen, J. T., & DeVore, C. R., "Magnetic Energy Relaxation by Null-Point Reconnection", 2000SPD...31.0149A ADS
- Karpen, J. T., Antiochos, S. K., & MacNeice, P. J., "Are Dipped Field Lines Required for Prominence Formation?", 2000SPD...31.0147K ADS
- Klimchuk, J. A., Antiochos, S. K., Norton, D., & Watko, J. A., "Observation and Theory of Coronal Loop Structure", 2000SPD...31.0144K ADS
- Linton, M. G., Dahlburg, R. B., & Antiochos, S. K., "Reconnection of orthogonal magnetic flux tubes.", 2000BAAS...32R.810L ADS
- Klimchuk, J. A., Antiochos, S. K., Norton, D., & Watko, J. A., "Observation and theory of coronal loop structure", 2000BAAS...32R.809K ADS
- Karpen, J. T., Antiochos, S. K., & MacNeice, P. J., "Are dipped field lines required for prominence formation?", 2000BAAS...32Q.809K ADS
- Antiochos, S. K., "Theory of solar prominences", 2000ss1s.work...73A ADS
- MacNeice, P., Spicer, D. S., & Antiochos, S. K., "The Dynamics of Prominence Condensations", 1999ESASP.448..459M ADS
- MacNeice, P., Spicer, D. S., & Antiochos, S., "A Model for Prominence Mass and Dynamics", 1999ESASP.446..457M ADS
- Aulanier, G., DeLuca, E. E., Golub, L., et al., "An Eruptive Flare Observed by TRACE as a Test for the Magnetic", 1999ESASP.446..135A ADS
- Kucera, T. & Antiochos, S. K., "Working Group 5: Prominences and Coronal Mass Ejections", 1999ESASP.446...97K ADS
- Sterling, A. C., Pike, C. D., Mason, H. E., Watanabe, T., & Antiochos, S. K., "Variation of Thermal Structure with Height of a Solar Active Region Derived from SOHO CDS and YOHKOH BCS Observations", 1999ApJ...524.1096S ADS
- Karpen, J. T., DeVore, C. R., & Antiochos, S. K., "Shear-driven Reconnection in Chromospheric Eruptions: 3D Numerical Simulations", 1999AAS...194.3108K ADS
- Antiochos, S. K., DeVore, C. R., & Klimchuk, J. A., "The Structure of Solar Prominences", 1999AAS...194.3102A ADS
- Antiochos, S. K., MacNeice, P. J., Spicer, D. S., & Klimchuk, J. A., "The Dynamic Formation of Prominence Condensations", 1999ApJ...512..985A ADS
- Antiochos, S. K. & DeVore, C. R., "The role of magnetic reconnection in solar activity", 1999GMS...199..113A ADS
- Antiochos, S. K. & DeVore, C. R., "The Role of Helicity in Magnetic Reconnection: 3D Numerical Simulations", 1999GMS...111..187A ADS
- Antiochos, S. K., DeVore, C. R., & Klimchuk, J. A., "A Model for Solar Coronal Mass Ejections", 1999ApJ...510..485A ADS
- Antiochos, S. K., "The Magnetic Topology of Solar Activity", 1998APS...DPP.B1M05A ADS
- Antiochos, S. K., "The Magnetic Topology of Solar Eruptions", 1998ApJ...502L.181A ADS
- Defainchtein, R., Antiochos, S., & Spicer, D.: 1998a, LOOPREF: A Fluid Code for the Simulation of Coronal Loops, Technical Report, NASA/CR-1998-206854; Rept-98B00038; NAS 1.26:206854 1998nasa.reptw...D ADS

- Defainchtein, R., Antiochos, S., & Spicer, D.: 1998b, *LOOPREF: A Fluid Code for the Simulation of Coronal Loops*, Technical Report, NASA/CR-1998-206854; Rept-98B00038; NAS 1.26:206854 1998nasa.reptU...D ADS
- Karpen, J. T., Antiochos, S. K., Richard DeVore, C., & Golub, L., "Dynamic Responses to Magnetic Reconnection in Solar Arcades", 1998ApJ...495..491K ADS
- Dahlburg, R. B., Antiochos, S. K., & Klimchuk, J. A., "Prominence Formation by Localized Heating", 1998ApJ...495..485D ADS
- Lanza, A. F., Spadaro, D., & Antiochos, S. K., "An analysis of the unresolved fine structure model for the solar transition region", 1998MmSAI...69..695L ADS
- Antiochos, S. K. & Dahlburg, R. B., "The Implications of 3D for Solar MHD Modelling", 1997SoPh...174...5A ADS
- Dahlburg, R. B., Antiochos, S. K., & Norton, D., "Magnetic flux tube tunneling", 1997PhRvE...56.2094D ADS
- Antiochos, S., Acton, L., Canfield, R., et al.: 1997, *The Solar-B Mission*, Technical Report, Montana State Univ. Bozeman, MT United States 1997STIN...9721329A ADS
- Antiochos, S. K., "The Solar-B Mission", 1997SPD...28.1102A ADS
- Dahlburg, R. B. & Antiochos, S. K., "Magnetic fluxtube reconnection", 1997AdSpR...19.1781D ADS
- Antiochos, S. K., "A Model for Coronal Mass Ejections", 1996AAS...189.5603A ADS
- Socker, D. G., Antiochos, S. K., Brückner, G. E., et al., "STEREO: a solar terrestrial event observer mission concept", 1996SPIE.2804...50S ADS
- Spadaro, D., Lanza, A. F., & Antiochos, S. K., "A Study of the Unresolved Fine-Structure Model for the Solar Transition Region", 1996ApJ...462.1011S ADS
- Antiochos, S. K., Karpen, J. T., & DeVore, C. R., "Reconnection Between Open and Closed Fields in the Solar Corona", 1996AAS...188.8606A ADS
- Karpen, J. T., Antiochos, S. K., & DeVore, C. R., "Reconnection in the Solar Corona: the Effects of Slow Footpoint Motions", 1996AAS...188.8605K ADS
- Karpen, J. T., Antiochos, S. K., & DeVore, C. R., "Reconnection Driven Current Filament in Solar Arcades", 1996ApJ...460L..73K ADS
- Antiochos, S. K., Karpen, J. T., & DeVore, C. R., "The Nature of Magnetic Reconnection in the Corona", 1996ASPC...111...79A ADS
- Antiochos, S. K., "Solar Drivers of Space Weather", 1996ASPC...95...1A ADS
- Dahlburg, R. B. & Antiochos, S. K., "Reconnection of antiparallel magnetic flux tubes", 1995JGR...100J6991D ADS
- Karpen, J. T., Antiochos, S. K., & DeVore, C. R., "The Role of Magnetic Reconnection in Chromospheric Eruptions", 1995ApJ...450..422K ADS
- Sturrock, P. A., Antiochos, S. K., & Roumeliotis, G., "Asymptotic Analysis of Force-free Magnetic Fields of Cylindrical Symmetry", 1995ApJ...443..804S ADS
- Norton, D., Dahlburg, R. B., & Antiochos, S. K., "Parallel Computation of Fluxtube Reconnection", 1995SPD...26.1006N ADS
- Antiochos, S. K., Klimchuk, J. A., & Dahlburg, R. B., "The Magnetic Field of Solar Prominences", 1995SPD...26..717A ADS
- Karpen, J. T., DeVore, C. R., & Antiochos, S. K., "Chromospheric Reconnection in Asymmetric Topologies", 1995SPD...26..507K ADS
- Cargill, P. J., Mariska, J. T., & Antiochos, S. K., "Cooling of Solar Flare Plasmas. I. Theoretical Considerations", 1995ApJ...439.1034C ADS
- Spadaro, D., Leto, P., & Antiochos, S. K., "Observational evidence for non-equilibrium ionization in the solar corona", 1994SSRv...70..207S ADS
- Antiochos, S. K., "Mass flows in coronal loops", 1994SSRv...70..143A ADS
- Sturrock, P. A., Antiochos, S. K., Klimchuk, J. A., & Roumeliotis, G., "Asymptotic Forms for the Energy of Force-free Magnetic Field Configurations of Translational Symmetry", 1994ApJ...431..870S ADS
- Schmieder, B., Mouradian, Z., Golub, L., & Antiochos, S., "Coronal Structures Observed in X-rays (NIXT) and Halpa Surges", 1994ko.fu.symp...317S ADS
- Spadaro, D., Leto, P., & Antiochos, S. K., "Observational Tests for Nonequilibrium Ionization in the Solar Corona", 1994ApJ...427..453S ADS
- Schmieder, B., Golub, L., & Antiochos, S. K., "Comparison between Cool and Hot Plasma Behaviors of Surges", 1994ApJ...425..326S ADS
- Antiochos, S. K., "The physics of coronal closed-field structures", 1994AdSpR...14d.139A ADS
- Roumeliotis, G., Sturrock, P. A., & Antiochos, S. K., "A Numerical Study of the Sudden Eruption of Sheared Magnetic Fields", 1994ApJ...423..847R ADS
- Schmieder, B., Mouradian, Z., Golub, L., & Antiochos, S., "Coronal Structures Observed in X-Rays (NIXT) and H α Surges", 1994emsp.conf...159S ADS
- Antiochos, S. K., Dahlburg, R. B., & Klimchuk, J. A., "The Magnetic Field of Solar Prominences", 1994ApJ...420L..41A ADS
- Ayres, T. R., Stauffer, J. R., Simon, T., et al., "A Far-Ultraviolet Flare on a Pleiades G Dwarf", 1994ApJ...420L..33A ADS
- Sturrock, P. A., Klimchuk, J. A., Roumeliotis, G., & Antiochos, S. K., "The Asymptotic Behavior of Force-Free Magnetic-Field Configurations", 1994ASPC...68..219S ADS
- Ayres, T., Basri, G., Simon, T., et al., "Sleuthing the Dynamo: HST/FOS Observations of UV Emissions of Solar-Type Stars in Young Clusters", 1994ASPC...64...53A ADS
- Benka, S. G. & Antiochos, S. K., "Current Sheet Formation in Complex Solar Coronal Fields", 1993AAS...183.5903B ADS
- Sturrock, P. A., Roumeliotis, G., & Antiochos, S., "Asymptotic Forms for the Energy of Force Free Magnetic-Field Configurations", 1993BAAS...25.1218S ADS
- Benka, S. G., Antiochos, S. K., Zalesak, S. T., & Spicer, D. S., "Coronal Current Sheet Formation: 3D Simulations", 1993BAAS...25.1207B ADS
- Antiochos, S. K., Dahlburg, R. B., & Klimchuk, J. A., "The Structure of Prominence Magnetic Fields", 1993BAAS...25.1206A ADS
- Dahlburg, R. B. & Antiochos, S. K., "Reconnection of Magnetic Flux Tubes", 1993BAAS...25.1199D ADS
- Karpen, J. T., Antiochos, S. K., Dahlburg, R. B., & Spicer, D. S., "The Kelvin-Helmholtz Instability in Photospheric Flows: Effects on Coronal Heating and Structure", 1993ApJ...403..769K ADS
- Dahlburg, R. B., Antiochos, S. K., & Zang, T. A., "Three-Dimensional Magnetic Reconnection in a Coronal Neutral Sheet", 1993ASSL...183..611D ADS
- Dahlburg, R. B., Antiochos, S. K., & Zang, T. A., "Secondary instability in three-dimensional magnetic reconnection", 1992PhFlB...4.3902D ADS
- Antiochos, S. K., "The physics of solar prominences", 1992ESASP.348..201A ADS
- Dahlburg, R. B., Antiochos, S. K., & Zang, A., "Secondary Instability in 3d Neutral Sheets", 1992AAS...180.5504D ADS
- Antiochos, S. K., Dahlburg, R. B., & Klimchuk, J., "A Model for the Magnetic Fields of Solar Prominences", 1992AAS...180.1205A ADS
- Dahlburg, R. B., Antiochos, S. K., & Zang, T. A., "Dynamics of Solar Coronal Magnetic Fields", 1991ApJ...383..420D ADS
- Spadaro, D., Antiochos, S. K., & Mariska, J. T., "Nonequilibrium Ionization Effects in Asymmetrically Heated Loops", 1991ApJ...382..338S ADS
- Karpen, J. T., Antiochos, S. K., & DeVore, C. R., "Coronal Current-Sheet Formation: The Effect of Asymmetric and Symmetric Shears", 1991ApJ...382..327K ADS
- Dahlburg, R. B., Antiochos, S. K., & Zang, T. A., "Magnetic Reconnection in Three Dimensions", 1991BAAS...23.1467D ADS
- Antiochos, S. K. & Klimchuk, J. A., "A Model for the Formation of Solar Prominences", 1991ApJ...378..372A ADS
- Withbroe, G. L., Fisher, R. R., Antiochos, S., et al., "Report of the solar physics panel", 1991spsi...1...67W ADS
- Karpen, J. T., Antiochos, S. K., Dahlburg, R. B., & Spicer, D. S., "The Effects of the Kelvin-Helmholtz Instability on Photospheric Flows", 1991BAAS...23.1059K ADS
- DeVore, C. R. & Antiochos, S. K., "The Effects of Strong Shear on Solar Coronal Magnetic Fields", 1991BAAS...23.1058D ADS
- Antiochos, S. K., "A Model for the Anomalous Elemental Abundances of the Solar Corona and Wind", 1991BAAS...23.1046A ADS
- Rosner, R., Noyes, R., Antiochos, S. K., et al.: 1991, *Solar astronomy*, In National Academy of Sciences/National Research Council, Working Papers: Astronomy and Astrophysics Panel Reports 35 p (SEE N91-33017 24-89) 1991aap...reptR...R ADS
- Spadaro, D., Zappala, R. A., Antiochos, S. K., Lanzafame, G., & Noci, G., "The Effects of Nonequilibrium Ionization on the Radiative Losses of the Solar Corona", 1990ApJ...362..370S ADS
- Dahlburg, R. B., Antiochos, S. K., & Zang, T. A.: 1990, *Numerical simulation of solar coronal magnetic fields*, Interim Report National Aeronautics and Space Administration. Langley Research Center, Hampton, VA. 1990nasa.rept....D ADS
- Karpen, J. T., Antiochos, S. K., & DeVore, C. R., "On the Formation of Current Sheets in the Solar Corona", 1990ApJ...356L..67K ADS
- Sturrock, P. A., Dixon, W. W., Klimchuk, J. A., & Antiochos, S. K., "Episodic Coronal Heating", 1990ApJ...356L..31S ADS
- Spadaro, D., Noci, G., Zappala, R. A., & Antiochos, S. K., "The Effect of Nonequilibrium Ionization on Ultraviolet Line Shifts in the Solar Transition Region", 1990ApJ...355..342S ADS
- Karpen, J. T., Antiochos, S. K., & DeVore, C. R., "The Formation of Current Sheets in the Solar Corona: Asymmetric Shears", 1990BAAS...22..869K ADS
- Antiochos, S. K., Dahlburg, R. B., & Zang, T., "The Structure and Dynamics of Solar Coronal Magnetic Fields", 1990BAAS...22..869A ADS
- Dahlburg, R. B., Antiochos, S. K., & Zang, T. A., "Solar Coronal Magnetic Field Evolution", 1990BAAS...22..851D ADS

- Noci, G., Spadaro, D., Zappala, R. A., & Antiochos, S. K.: 1990, *Mass Flows and the Ionization States of Coronal Loops: Erratum*, *Astrophysical Journal* v.349, p.678 1990ApJ...349..678N ADS
- Antiochos, S. K., "Heating of the corona by magnetic singularities", 1990MmSAI...61..369A ADS
- Karpen, J. T., Antiochos, S. K., & DeVore, C. R., "The Evolution of a Sheared Potential Magnetic Field in the Solar Corona", 1990IAUS...142..309K ADS
- Antiochos, S. K., "Structures and flows in coronal loops", 1990GMS...58..203A ADS
- Sturrock, P. A., Klimchuk, J. A., & Antiochos, S. K., "Episodic Coronal Heating and the Solar Differential Emission Measure", 1989BAAS...21R1186S ADS
- Antiochos, S. K. & Klimchuk, J. A., "The Formation of Solar Prominences", 1989BAAS...21.1185A ADS
- Dahlburg, R. B., Antiochos, S. K., & Picone, J. M., "Evolution of Twisted Flux-Tubes in the Solar Corona", 1989BAAS...21.1111D ADS
- Sturrock, P. A. & Antiochos, S. K., "An Episodic Model of Coronal Heating", 1989BAAS...21R.829S ADS
- Antiochos, S. K. & Dere, K. P., "A Model for the Heating of the Transition Region", 1989BAAS...21..841A ADS
- Cook, J. W., Cheng, C. C., Jacobs, V. L., & Antiochos, S. K., "Effect in Coronal Elemental Abundances on the Radiative Loss Function", 1989ApJ...338.1176C ADS
- Noci, G., Spadaro, D., Zappala, R. A., & Antiochos, S. K., "Mass Flows and the Ionization State of Coronal Loops", 1989ApJ...338.1131N ADS
- Karpen, J. T., Antiochos, S. K., Picone, J. M., & Dahlburg, R. B., "Nonlinear Thermal Instability in Magnetized Solar Plasmas", 1989ApJ...338..493K ADS
- Antiochos, S. K., "Magnetic topology and current sheet formation.", 1989sasf.confP.277A ADS
- Doschek, G. A., Antiochos, S. K., Antonucci, E., et al., "Chromospheric explosions.", 1989epos.confP.303D ADS
- Noci, G., Spadaro, D., Zappala, R. A., & Antiochos, S. K., "Sub-sonic mass flows and ionization state in coronal loops", 1989MmSAI...60...55N ADS
- Karpen, J. T., Antiochos, S. K., Picone, J. M., & Dahlburg, R. B., "Thermal instability in magnetized solar plasma.", 1989GMS...54..99K ADS
- Karpen, J. T. & Antiochos, S. K., "The evolution of a sheared potential magnetic field in a gravity stratified atmosphere.", 1989BAAS...21R1027K ADS
- Dahlburg, R. B., Antiochos, S. K., Picone, J. M., & Zang, T. A., "Spectral simulation of coronal processes.", 1989BAAS...21.1028D ADS
- Michels, D. J., Schwenn, R., Howard, R. A., et al.: 1988, *LASCO: A wide-field white light and spectrometric coronagraph for SOHO*, In ESA, The SOHO Mission. Scientific and Technical Aspects of the Instruments p 55-61 (SEE N90-13302 04-92) 1988sohi.rept...55M ADS
- Antiochos, S. K. & Karpen, J. T., "On the Formation of Coronal Current Sheets Without Null Points", 1988BAAS...20.1029A ADS
- Antiochos, S. K., "The Effects of Magnetic Topology on Coronal Heating", 1988BAAS...20Q.681A ADS
- Klimchuk, J. A., Antiochos, S. K., & Mariska, J. T., "A numerical study of the thermal stability of solar loops.", 1987NASCP2483..113K ADS
- Klimchuk, J. A., Antiochos, S. K., & Mariska, J. T., "A Numerical Study of the Nonlinear Thermal Stability of Solar Loops", 1987ApJ...320..409K ADS
- Cook, J. W., Cheng, C. C., & Antiochos, S. K., "Effect on the Radiative Loss Function of Coronal Elemental Abundances", 1987BAAS...19..931C ADS
- Antiochos, S. K., "Theory of Cool Loops and the Dividing Line (Invited review)", in J. L. Linsky and R. E. Stencel (Eds.), *Cool Stars, Stellar Systems and the Sun*, Vol. 291, 283-293 1987LNP...291..283A ADS
- Antiochos, S. K., "The Topology of Force-free Magnetic Fields and Its Implications for Coronal Activity", 1987ApJ...312..886A ADS
- Doschek, G. A., Antiochos, S. K., Antonucci, E., et al., "Chromospheric explosions", 1986epos.confP.4.1D ADS
- Antiochos, S. K., "Topological constraints and the existence of force-free fields.", 1986NASCP2442..419A ADS
- Klimchuk, J. A., Antiochos, S. K., & Mariska, J. T., "A numerical study of the thermal stability of low-lying coronal loops.", 1986NASCP2442..389K ADS
- Yang, W. H., Sturrock, P. A., & Antiochos, S. K., "Force-free Magnetic Fields: The Magneto-frictional Method", 1986ApJ...309..383Y ADS
- Antiochos, S. K. & Sturrock, P. A., "The Differential Emission Measure of Transiently Heated Coronal Loops", 1986BAAS...18..901A ADS
- Antiochos, S. K., Haisch, B. M., & Stern, R. A., "On the Dividing Line for Stellar Coronae", 1986ApJ...307L.55A ADS
- Stern, R. A., Antiochos, S. K., & Harnden, F. R., J., "Modeling of Coronal X-Ray Emission from Active Cool Stars. I. Hyades Cluster", 1986ApJ...305..417S ADS
- Mariska, J. T., Klimchuk, J. A., & Antiochos, S. K., "A Numerical Study of the Stability of Low-Lying Solar Loops", 1986BAAS...18Q.708M ADS
- Antiochos, S. K. & Noci, G., "The Structure of the Static Corona and Transition Region", 1986ApJ...301..440A ADS
- Doschek, G. A., Antiochos, S. K., Antonucci, E., et al., "Chromospheric explosions.", 1986NASCP2439...44D ADS
- Stern, R. A., Antiochos, S. K., & Harnden, F. R., J., "Modeling of Coronal X-Ray Emission from Active Cool Stars", in M. Zeilik and D. M. Gibson (Eds.), *Cool Stars, Stellar Systems and the Sun*, Vol. 254, 216 1986LNP...254..216S ADS
- Antiochos, S. K., "On the topology of force-free magnetic fields.", 1986BAAS...18..853A ADS
- Antiochos, S. K., Shoub, E. C., An, C. H., & Emslie, A. G., "Thermal stability of static coronal loops. I - Effects of boundary conditions", 1985ApJ...298..876A ADS
- Antiochos, S. K., Bai, T., & Sturrock, P. A.: 1985b, *Summary proceedings of the Stanford Workshop on Solar Flare Prediction held in Paris on 28 February - 1 March 1985*, Workshop held in Paris, France, 28 Feb. - 1 Mar. 1985 1985STIN...8623543A ADS
- Antiochos, S. K., "The Structure of Transition Region Loops", 1985BAAS...17..631A ADS
- Antiochos, S. K., "The Effect of Gravity on the X-Ray and UV Emission of Cool Stars", 1985BAAS...17..570A ADS
- Antiochos, S. K., "The Differential Emission Measure in the Lower Transition Region", 1984BAAS...16..928A ADS
- Liang, E. P. & Antiochos, S. K., "Magnetic flare model of γ -ray bursts", 1984Natur.310..121L ADS
- Antiochos, S. K., "A dynamic model for the solar transition region", 1984ApJ...280..416A ADS
- Antiochos, S. K., "The Effects of Gravity on the Stability of Coronal Loops", 1984BAAS...16..404A ADS
- Stern, R. A., Underwood, J. H., & Antiochos, S. K., "Erratum - a Giant X-Ray Flare in the Hyades", 1983ApJ...275L..25S ADS
- Haisch, B. M., Linsky, J. L., Bornmann, P. L., et al., "Coordinated Einstein and IUE observations of a dispartitions brusques type flare event and quiescent emission from Proxima Centauri.", 1983ApJ...267..280H ADS
- Antiochos, S. K., "On the Thermal Stability of Coronal Loops", 1983BAAS...15..704A ADS
- Stern, R. A., Underwood, J. H., & Antiochos, S. K., "A giant X-ray flare in the Hyades.", 1983ApJ...264L..55S ADS
- Antiochos, S. K.: 1982, A dynamic model for the transition region 1982STIN...8329163A ADS
- Antiochos, S. K., Haisch, B. M., & Stern, R. A., "Implications of Solar Flare Observations on Stellar X-Ray Flares", 1982BAAS...14..864A ADS
- Antiochos, S. K., Emslie, A. G., Shoub, E. C., & An, C. H.: 1982b, *On the thermal stability of coronal loop plasma* 1982STIN...8234327A ADS
- Stern, R. A., Zolcinski, M. C., Antiochos, S. K., & Underwood, J. H., "Erratum - Stellar Coronae in the Hyades - a Soft X-Ray Survey with the Einstein Observatory", 1982ApJ...258..904S ADS
- Zolcinski, M. C. S., Antiochos, S. K., Stern, R. A., & Walker, A. B. C., "International Ultraviolet Explorer observations of hyades stars.", 1982ApJ...258..177Z ADS
- Antiochos, S. K., "Are Coronal Loops Stable?", 1982BAAS...14..623A ADS
- Antiochos, S. K. & Sturrock, P. A., "The cooling and condensation of flare coronal plasma", 1982ApJ...254..343A ADS
- Antiochos, S. K., "The differential emission measure of dynamic coronal loops.", 1982SAOSR.392B.115A ADS
- Stern, R. A., Underwood, J. H., & Antiochos, S. K., "An X-ray flare in the Hyades binary HD 27130.", 1982SAOSR.392B.101S ADS
- Zolcinski, M. C., Kay, L., Antiochos, S., Stern, R., & Walker, A. B. C., "Progress report of an IUE survey of the Hyades star cluster.", 1982NASCP2238..239Z ADS
- Antiochos, S. K.: 1981, *The differential emission measure of dynamic coronal loops* 1981STIN...8220087A ADS
- Stern, R. A., Zolcinski, M. C., Antiochos, S. K., & Underwood, J. H., "Stellar coronae in the hyades : a soft X-ray survey with the Einstein Observatory.", 1981ApJ...249..647S ADS
- Antiochos, S. K. & Sturrock, P. A.: 1981, *The cooling and condensation of flare coronal plasma* 1981STIN...8127029A ADS
- Stern, R. A., Underwood, J. H., Antiochos, S. K., & McClure, R., "X-Ray Flare in HD 27130", 1981IAUC.3585...2S ADS
- Wear, K. A., Antiochos, S. K., & Sturrock, P. A., "The Structure of a Force Free Magnetic Flux Tube", 1981BAAS...13..915W ADS
- Antiochos, S. K., "The Structure of the Lower Transition Region", 1981BAAS...13..835A ADS
- Antiochos, S. K. & Emslie, A. G., "On the Thermal Stability of Coronal Loop Plasma", 1981BAAS...13..555A ADS

Wear, K. A., Antiochos, S. K., Emslie, A. G., & Sturrock, P. A., “*The Structure of a Force-Free Coronal Loop*”, 1981BAAS...13...542W [ADS](#)

Underwood, J. H., Antiochos, S. K., & Vesecky, J. F., “*Numerical studies of the energy balance in coronal loops.*”, 1981ASIC...68...227U [ADS](#)

Stern, R. A., Underwood, J. H., Zolcinski, M. C., & Antiochos, S. K., “*Results from the central Hyades survey.*”, 1981ASIC...68...137S [ADS](#)

Krall, K. R. & Antiochos, S. K., “*The evolution of active region loop plasma*”, 1980ApJ...242...374K [ADS](#)

Antiochos, S. K., “*Radiative-dominated cooling of the flare corona and transition region.*”, 1980ApJ...241...385A [ADS](#)

Underwood, J. H. & Antiochos, S. K.: 1980, *The minimum flux corona; theory or concept* 1980STIN...8034328U [ADS](#)

Zolcinski, M. C., Antiochos, S. K., Walker, A. B. C., Stern, R. A., & Underwood, J. H., “*Study of the Chromospheres, Coronae, and Transitions Regions of Main Sequence Stars in the Hyades*”, 1980BAAS...12...872Z [ADS](#)

Stern, R., Underwood, J., Zolcinski, M., & Antiochos, S., “*Stellar Coronae in the Hyades*”, 1980BAAS...12...801S [ADS](#)

Antiochos, S. K., Underwood, J. H., & Vesecky, J. F., “*On the Differential Emission Measure of Coronal Loops*”, 1980BAAS...12...792A [ADS](#)

Antiochos, S. K. & Emslie, A. G., “*On the Thermal Stability of Coronal Loop Plasma*”, 1980BAAS...12...519A [ADS](#)

Antiochos, S. K., “*A model of active prominences*”, 1980ApJ...236...270A [ADS](#)

Moore, R., McKenzie, D. L., Svestka, Z., et al., “*The thermal X-ray flare plasma*”, 1980sfs1.work...341M [ADS](#)

Stern, R., Underwood, J. H., Zolcinski, M. C., & Antiochos, S., “*The Einstein Central Hyades Survey - a Progress Report*”, 1980SA0SR.389...127S [ADS](#)

Antiochos, S. K. & Sturrock, P. A., “*Steady State Condensation of Coronal Flare Plasma*”, 1979BAAS...11...697A [ADS](#)

Vesecky, J. F., Antiochos, S. K., & Underwood, J. H., “*Numerical modeling of quasi-static coronal loops. I. Uniform energy input.*”, 1979ApJ...233...987V [ADS](#)

Stern, R., Underwood, J. H., Zolcinski, M., & Antiochos, S., “*The EINSTEIN Central Hyades Survey: A Progress Report.*”, 1979BAAS...11...781S [ADS](#)

Antiochos, S. K., “*The stability of solar coronal loops.*”, 1979ApJ...232L.125A [ADS](#)

Antiochos, S. K.: 1979b, *Radiative dominated cooling of the flare corona and transition region* 1979STIN...7932145A [ADS](#)

Antiochos, S. K. & Krall, K. R., “*The evolution of soft X-ray emitting flare loops.*”, 1979ApJ...229...788A [ADS](#)

Vesecky, J. F., Antiochos, S. K., & Underwood, J. H., “*The analysis of high spatial resolution UV and X-ray images by computational modeling*”, 1978clus.nasa...118V [ADS](#)

Underwood, J. H., Antiochos, S. K., Feldman, U., & Dere, K. P., “*Evolution of the coronal and transition-zone plasma in a compact flare: the event of 1973 August 9.*”, 1978ApJ...224.1017U [ADS](#)

Antiochos, S. K. & Underwood, J. H., “*Comments on the “minimum flux corona” concept.*”, 1978A&A...68L...19A [ADS](#)

Antiochos, S. K., Underwood, J. H., & Vesecky, J. F., “*Models of Stellar Coronae.*”, 1978BAAS...10...510A [ADS](#)

Krall, K. R. & Antiochos, S. K., “*Numerical Simulations of the Decay Phase of Compact Flares.*”, 1978BAAS...10...442K [ADS](#)

Antiochos, S. K. & Sturrock, P. A., “*Evaporative cooling of flare plasma.*”, 1978ApJ...220.1137A [ADS](#)

Antiochos, S. K.: 1977, “*Thermal Instability in Post-Flare Plasmas.*”, Ph.D. thesis, Stanford University, California 1977PhDT.....2A [ADS](#)

Antiochos, S. K., Underwood, J. H., & Feldman, U., “*Observations of a Radiatively Cooling Subflare.*”, 1977BAAS...9...329A [ADS](#)

Antiochos, S. K.: 1977, “*Thermal instability in post-flare plasmas*”, Ph.D. thesis, Stanford University, California 1977PhDT.....104A [ADS](#)

Antiochos, S. K.: 1976, *Thermal instability in post-flare plasmas* 1976STIN...7716975A [ADS](#)

Antiochos, S. K. & Sturrock, P. A.: 1976a, *Evaporative cooling of flare plasma* 1976STIN...7714971A [ADS](#)

Antiochos, S. K. & Sturrock, P. A., “*An Evaporative Model of Flare Loops.*”, 1976BAAS...8R.555A [ADS](#)

Antiochos, S. K., “*The Dynamics of Active Loop Prominences.*”, 1976BAAS...8...502A [ADS](#)

Antiochos, S. K. & Sturrock, P. A., “*Influence of magnetic field structure on the conduction cooling of flare loops.*”, 1976SoPh...49...359A [ADS](#)

Antiochos, S. K. & Sturrock, P. A., “*Thermal Instability in Loop Prominence Systems*”, 1975BAAS...7...472A [ADS](#)

Sturrock, P. A., Antiochos, S., Switzer, P., & Vallée, J., “*Periodicity in the Radiofrequency Spectrum of the Pulsar CP 0328*”, 1972ApJ...171L...27S [ADS](#)