

Bibliography from ADS file: deluca.bib
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- Samra, J. E., Marquez, V., Cheimets, P., et al., “The Airborne Infrared Spectrometer: Development, Characterization, and the 2017 August 21 Eclipse Observation”, 2022AJ...164...39S ADS
- Samra, J. E., Madsen, C. A., Cheimets, P., et al., “New Observations of the IR Emission Corona from the 2019 July 2 Eclipse Flight of the Airborne Infrared Spectrometer”, 2022ApJ...933...82S ADS
- Cheung, M. C. M., Martínez-Sykora, J., Testa, P., et al., “Probing the Physics of the Solar Atmosphere with the Multi-slit Solar Explorer (MUSE). II. Flares and Eruptions”, 2022ApJ...926...53C ADS
- De Pontieu, B., Testa, P., Martínez-Sykora, J., et al., “Probing the Physics of the Solar Atmosphere with the Multi-slit Solar Explorer (MUSE). I. Coronal Heating”, 2022ApJ...926...52D ADS
- Cheung, C. M. M., Martínez-Sykora, J., Testa, P., et al., “Probing the Physics of the Solar Atmosphere with the Multi-slit Solar Explorer (MUSE): II. Flares and Eruptions”, 2021AGUFM51A..08C ADS
- Winebarger, A., Savage, S., Kobayashi, K., et al., “Preliminary Results from the Marshall Grazing Incidence X-ray Spectrometer (MaGIXS)”, 2021AGUFM51A..06W ADS
- Chaparro, V., Madsen, C., & DeLuca, E., “Probing the Lower Solar Chromosphere Via Dynamical Signatures of UV Bursts in Cold Lines”, 2021AGUFM51A..06W ADS
- DeLuca, E., Winebarger, A., Reeves, K., et al., “Exploring the middle corona: new instrumentation to address science questions critical to understanding the thermal structure and dynamic evolution of the middle corona”, 2021AGUFM51A..06W ADS
- Gopalswamy, N., Kucera, T., Leake, J., et al., “The Multiview Observatory for Solar Terrestrial Science (MOST)”, 2021AGUFM51A..07G ADS
- Samra, J., Cheimets, P., DeLuca, E., Madsen, C., & Marquez, V., “An Airborne Coronal Emission Surveyor (ACES) for Total Solar Eclipse Observations”, 2021AGUFM51A..07G ADS
- Karna, N., Savcheva, A., Gibson, S., et al., “Magnetrofrictional Modeling of an Erupting Pseudostreamer”, 2021ApJ...913...47K ADS
- Adithya, H. N., Kariyappa, R., Shinsuke, I., et al., “Solar Soft X-ray Irradiance Variability. I. Segmentation of Hinode/XRT Full-Disk Images and Comparison with GOES (1 - 8 Å) X-Ray Flux”, 2021SoPh...296...71A ADS
- Rast, M. P., Bello González, N., Bellot Rubio, L., et al., “Critical Science Plan for the Daniel K. Inouye Solar Telescope (DKIST)”, 2021SoPh...296...70R ADS
- Karna, N., Gibson, S., DeLuca, E., et al., “Magnetrofrictional Modeling of an erupting Pseudostreamer”, 2021cosp...43E1768K ADS
- Karna, N., DeLuca, E., Pesnell, W., Saar, S., & Karna, M., “A Study of Equatorial Coronal Holes and Active regions during the Maximum Phase of four Solar Cycles”, 2021cosp...43E1768K ADS
- Golub, L., DeLuca, E., & Reeves, K., “Space Weather, Extreme Ultraviolet Instruments and the Multithermal Corona”, 2020AGUFM51C2499B ADS
- Conneely, F., Madsen, C. A., & DeLuca, E., “Characterization of UV Bursts Using Line-Ratio Density Diagnostics”, 2020AGUFM51C2499B ADS
- Karna, M. L., Karna, N., Saar, S. H., Pesnell, W. D., & DeLuca, E. E., “A Study of Equatorial Coronal Holes during the Maximum Phase of Four Solar Cycles”, 2020ApJ...901...124K 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
- Karna, N., Karna, M., Saar, S., Pesnell, W., & DeLuca, E., “A Study of Equatorial Coronal Holes during the Maximum Phase of four Solar Cycles”, 2020SPD...5120903K ADS
- Golub, L., Cheimets, P., DeLuca, E. E., et al., “EUV imaging and spectroscopy for improved space weather forecasting”, 2020JWSC...10...37G ADS
- Caspi, A., Seaton, D. B., Tsang, C. C. C., et al., “A New Facility for Airborne Solar Astronomy: NASA’s WB-57 at the 2017 Total Solar Eclipse”, 2020ApJ...895...131C 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
- Tañón Reyes, N., Samra, J., Madsen, C., & DeLuca, E., “Eclipse Results from the Airborne Infrared Spectrometer (AIR-Spec) and the Extreme-ultraviolet Imaging Spectrometer (EIS)”, 2020AAS...23521009T ADS
- Karna, N., Karna, M. L., Saar, S. H., Pesnell, W. D., & DeLuca, E., “A Study of Equatorial Coronal Holes during the Maximum Phase of Four Solar Cycles”, 2019AGUFM51A..03K ADS
- Samra, J., Cheimets, P., DeLuca, E., et al., “High-Altitude Instrumentation for Infrared Observations of the Solar Corona”, 2019AGUFM51A..03K ADS
- Madsen, C. A., Samra, J., Tañón Reyes, N., & DeLuca, E., “The 2019 AIR-Spec Mission: Results from Coordinated Infrared and EUV Spectroscopic Observations of the Corona During the South Pacific Total Solar Eclipse”, 2019AGUFM51A..03K ADS
- DeLuca, E., “A Vis/IR Spectropolarimetric Filtergraph for the COSMO Large Coronagraph”, 2019AGUFM51C3326D ADS
- Caspi, A., Seaton, D. B., Tsang, C., et al., “Novel observations of the middle corona during the 2017 total solar eclipse”, 2019AGUFM51A..10C ADS
- Gibson, S. E., Tomczyk, S., Burkepile, J., et al., “Coronal Solar Magnetism Observatory Science Objectives”, 2019AGUFM51C3395G ADS
- Judge, P., Berkey, B., Boll, A., et al., “Solar Eclipse Observations from the Ground and Air from 0.31 to 5.5 Microns”, 2019SoPh...294...166J ADS
- Bastian, T., Bain, H., Bradley, R., et al., “Frequency Agile Solar Radiotelescope”, 2019astro2020U...56B ADS
- McIntosh, S., Tomczyk, S., Gibson, S. E., et al., “Investigating Coronal Magnetism with COSMO: Science on the Critical Path To Understanding The “Weather” of Stars and Starspheres”, 2019BAAS...51g.165M ADS
- Karna, N., Savcheva, A., Dalmasse, K., et al., “Forward Modeling of a Pseudostreamer”, 2019ApJ...883...74K ADS
- Winebarger, A. R., Weber, M., Bethge, C., et al., “Unfolding Overlapped Slitless Imaging Spectrometer Data for Extended Sources”, 2019ApJ...882...12W ADS
- Madsen, C. A., Samra, J. E., Del Zanna, G., & DeLuca, E. E., “Coronal Plasma Characterization via Coordinated Infrared and Extreme Ultraviolet Observations of a Total Solar Eclipse”, 2019ApJ...880...102M ADS
- Meyer, K. A., Savcheva, A. S., Mackay, D. H., & DeLuca, E. E., “Nonlinear Force-free Field Modeling of Solar Coronal Jets in Theoretical Configurations”, 2019ApJ...880...62M ADS
- Dalmasse, K., Savcheva, A., Gibson, S. E., et al., “Data-optimized Coronal Field Model. I. Proof of Concept”, 2019ApJ...877...111D 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
- Samra, J. E., Judge, P. G., DeLuca, E. E., & Hannigan, J. W., “Erratum: textquotedblleftDiscovery of New Coronal Lines at 2.843 and 2.853 μm textquotedblright (2018, ApJL, 856, L29”, 2019ApJ...873L..25S ADS
- Nita, G., Angryk, R., Aydin, B., et al., “Roadmap for Reliable Ensemble Forecasting of the Sun-Earth System”, 2018arXiv181008728N ADS
- Spann, J., DeLuca, E., Spence, H., et al., “Heliophysics Science enabled by Lunar Orbiting Platforms”, 2018cosp...42E3213S ADS
- Caspi, A., DeLuca, E., Tomczyk, S., et al., “New Coronal Science from NASA WB-57F High-Altitude Aircraft Observations of the 2017 Total Solar Eclipse”, 2018cosp...42E.526C ADS
- Caspi, A., Tsang, C., Seaton, D. B., et al., “Eclipse Science from 50,000 Feet: New Coronal Results from NASA WB-57F High-Altitude Aircraft Observations of the 2017 Total Solar Eclipse”, 2018tess.conf31302C ADS
- DeLuca, E., Golub, L., Korreck, K., et al., “Using DSG to build the capability of space weather forecasting in deep space.”, 2018tess.conf22002D ADS
- Spann, J. F., Giles, B. L., Spence, H. E., et al., “Heliophysics Science enabled by Lunar Orbiting Platforms”, 2018tess.conf22001S ADS
- Samra, J. E., Judge, P. G., DeLuca, E. E., & Hannigan, J. W., “Discovery of New Coronal Lines at 2.843 and 2.853 μm ”, 2018ApJ...856L..29S ADS
- Savage, S., DeLuca, E., Cheimets, P., et al., “CisLunar Interchangeable Observatory for Heliophysics (CLIOH): A Deep Space Gateway Solar Viewing Platform for Technology Development and Research Payloads”, 2018LPICo2063.3061S ADS
- DeLuca, E. E., Golub, L., Korreck, K., et al., “Using DSG to Build the Capability of Space Weather Forecasting in Deep Space”, 2018LPICo2063.3050D ADS
- Del Zanna, G. & DeLuca, E. E., “Solar Coronal Lines in the Visible and Infrared: A Rough Guide”, 2018ApJ...852...52D ADS
- Belmes, K., Madsen, C. A., & DeLuca, E., “Exploring the Time Evolution of Cool Metallic Absorption Features in UV Burst Spectra”, 2017AGUFM51C2499B ADS
- Madsen, C. A. & DeLuca, E., “Results of the IRIS UV Burst Survey, Part I: Active Regions Tracked Limb to Limb”, 2017AGUFM51A2802M ADS
- Samra, J., Cheimets, P., DeLuca, E., et al., “Eclipse Science Results from the Airborne Infrared Spectrometer (AIR-Spec)”, 2017AGUFM51A2802M ADS
- Caspi, A., Tsang, C., DeForest, C. E., et al., “Chasing the Great American 2017 Total Solar Eclipse: Coronal Results from NASA’s WB-57F High-Altitude Research Aircraft”, 2017AGUFM51A2802M ADS
- Tomczyk, S., Boll, A., Bryans, P., et al., “Multi-wavelength observations of the solar atmosphere from the August 21, 2017 total solar eclipse”, 2017AGUFM51A2802M ADS
- DeLuca, E., Cheimets, P., Golub, L., et al., “ASPIRE - Airborne Spectropolarization InfraRed Experiment”, 2017AGUFM51B2480D ADS
- Caspi, A., Tsang, C., DeForest, C., et al., “First results from the NASA WB-57 airborne observations of the Great American 2017 Total Solar Eclipse”, 2017SPD...4810701C ADS
- Christe, S., Bandler, S., DeLuca, E., et al., “Solving the Coronal Heating Problem using X-ray Microcalorimeters”, 2017arXiv170100795C ADS

- Cervantes Alcala, E., Guth, G., Fedeler, S., et al., "Development of the User Interface for AIR-Spec", 2016AGUFMSM51A2458C ADS
- DeLuca, E., Samra, J., Golub, L., & Cheimets, P., "An Airborne Infrared Spectrometer for Solar Eclipse Observations", 2016AGUFMSM51A2457D ADS
- Madsen, C. A. & DeLuca, E., "Initial Results of a Large-scale Statistical Survey of Small-scale UV Bursts with IRIS and SDO", 2016AGUFMSH31B2570M ADS
- Sager, H. A., Madsen, C. A., & DeLuca, E., "Tracking Sunspot Waves Across the Solar Disk using IRIS", 2016AGUFMSH21E2568S ADS
- Samra, J., Cheimets, P., DeLuca, E., et al., "An airborne infrared spectrometer for solar eclipse observations", 2016SPIE.9908E..5US ADS
- Tomczyk, S., Landi, E., Burkepile, J. T., et al., "Scientific objectives and capabilities of the Coronal Solar Magnetism Observatory", 2016JGRA..121.7470T ADS
- Myers, C. E., Yamada, M., Ji, H., et al., "Laboratory identification of MHD eruption criteria in the solar corona", 2016shin.confE.161M ADS
- Samra, J., DeLuca, E., Golub, L., Cheimets, P., & Judge, P., "An Airborne Infrared Spectrometer for Solar Eclipse Observations", 2016shin.confE.155S ADS
- Gomez, D., DeLuca, E., & Mininni, P., "Simulations of the Kelvin-Helmholtz instability driven by CMEs", 2016cosp...41E.698G ADS
- Samra, J., DeLuca, E. E., Golub, L., Cheimets, P., & Philip, J., "An Airborne Infrared Spectrometer for Solar Eclipse Observations", 2016SPD...4730106S ADS
- Savcheva, A., Tassev, S., DeLuca, E. E., Gibson, S., & Fan, Y., "Simulating Idealized Flux Ropes with the Flux Rope Insertion Method: A Parameter Space Exploration of Currents and Topology", 2016SPD...47.0330S ADS
- Schwartz, P., Heinzl, P., Jejić, S., et al., "Is it Possible to Use the Green Coronal Line Instead of X rays to Cancel an Effect of the Coronal Emissivity Deficit in Estimation of the Prominence Total Mass from Decrease of the EUV-corona Intensities?", 2016ASPC..504..89S ADS
- Gómez, D. O., DeLuca, E. E., & Mininni, P. D., "Simulations of the Kelvin-Helmholtz Instability Driven by Coronal Mass Ejections in the Turbulent Corona", 2016ApJ...818..126G ADS
- Savcheva, A., Parlat, E., McKillop, S., et al., "The Relation between Solar Eruption Topologies and Observed Flare Features. II. Dynamical Evolution", 2016ApJ...817...43S ADS
- Myers, C. E., Yamada, M., Ji, H., et al., "A dynamic magnetic tension force as the cause of failed solar eruptions", 2015Natur.528..526M ADS
- Golub, L., Cheimets, P., DeLuca, E. E., Samra, J., & Judge, P. G., "Airborne Infrared Spectrograph for Eclipse Observations", 2015AGUFMSH51C2454G ADS
- Dalmasse, K., DeLuca, E. E., Savcheva, A. S., Gibson, S. E., & Fan, Y., "Towards a Data-Optimized Coronal Magnetic Field Model (DOC-FM): Simulating Flux Ropes with the Flux Rope Insertion Method", 2015AGUFMSH51B2444D ADS
- Tomczyk, S., Landi, E., Zhang, J., Lin, H., & DeLuca, E. E., "The Coronal Solar Magnetism Observatory", 2015AGUFMSH43B2460T ADS
- Douglas, B., Savcheva, A. S., & DeLuca, E. E., "3D Model of Slip-Running Reconnection on Solar Sigmoidal Regions", 2015AGUFMSH43A2422D ADS
- Madsen, C. A., Tian, H., & DeLuca, E. E., "Observations of Small-scale IRIS Bombs (Reconnection Events) in an Evolving Active Region", 2015AGUFMSH31B2414M ADS
- Yamada, M., Myers, C. E., Ji, H., et al., "Laboratory Identification of MHD Eruption Criteria in the Solar Corona", 2015AGUFMSH13A2434Y ADS
- Savcheva, A., Parlat, E., McKillop, S., et al., "The Relation between Solar Eruption Topologies and Observed Flare Features. I. Flare Ribbons", 2015ApJ...810...96S ADS
- Berger, M. A., Asgari-Targhi, M., & DeLuca, E. E., "Self-organized braiding in solar coronal loops", 2015JPlPh..81d3904B ADS
- Su, Y., McCauley, P., van Ballegoijen, A., et al., "Investigation of Solar Eruptive Prominences", 2015IAUGA..2256101S ADS
- DeLuca, E. E. & Savcheva, A., "What is the best indicator of active region stability? Topology not free energy or relative helicity!", 2015shin.confE..28D ADS
- Savcheva, A. S., Parlat, E., McKillop, S., et al., "The Relation between CME Topologies and Observed Flare Features", 2015shin.confE...6S ADS
- Su, Y., van Ballegoijen, A., McCauley, P., et al., "Magnetic Structure and Dynamics of the Erupting Solar Polar Crown Prominence on 2012 March 12", 2015ApJ...807..144S ADS
- Muñoz-Jaramillo, A., Senkpeil, R. R., Longcope, D. W., et al., "The Minimum of Solar Cycle 23: As Deep as It Could Be?", 2015ApJ...804...68M ADS
- Munoz-Jaramillo, A., Senkpeil, R., Longcope, D., et al., "The Minimum of Solar Cycle 23: As Deep as It Could Be?", 2015TESS...130803M ADS
- Su, Y., McCauley, P., van Ballegoijen, A., et al., "Investigation on Eruptive Prominences Observed by SDO", 2015TESS...121203S ADS
- Madsen, C. A., Tian, H., & DeLuca, E. E., "Observations of Umbral Flashes and Running Sunspot Waves with the Interface Region Imaging Spectrograph", 2015ApJ...800..129M ADS
- Muñoz-Jaramillo, A., Senkpeil, R. R., Windmueller, J. C., et al., "Small-scale and Global Dynamics and the Area and Flux Distributions of Active Regions, Sunspot Groups, and Sunspots: A Multi-database Study", 2015ApJ...800...48M ADS
- Schwartz, P., Heinzl, P., Kottř, P., et al., "Total mass of six quiescent prominences estimated from their multi-spectral observations", 2015A&A...574A..62S ADS
- Asgari-Targhi, M., Imada, S., & DeLuca, E. E., "Investigating Alfvén Wave Turbulence in Chromosphere and Corona Using Extreme Ultraviolet Imaging Spectrometer (EIS)", 2014AGUFMSH53D..07A ADS
- Samra, J., DeLuca, E. E., Golub, L., & Cheimets, P., "Toward the Direct Measurement of Coronal Magnetic Fields: An Airborne Infrared Spectrometer for Eclipse Observations", 2014AGUFMSH53B4214S ADS
- DeLuca, E. E., Tian, H., Cranmer, S. R., et al., "Prevalence of Micro-Jets from the Network Structures of the Solar Transition Region and Chromosphere", 2014AGUFMSH51C4180D ADS
- Millholland, S. C., Savcheva, A. S., & DeLuca, E. E., "Magnetic Field Modeling of Complex, Flare Productive Active Regions", 2014AGUFMSH13A4079M ADS
- DeLuca, E. E., "A Personal View of Coronal Heating: Progress and Rabbit Holes", 2014AGUFMSH12A..01D ADS
- Testa, P., De Pontieu, B., Allred, J., et al., "Evidence of nonthermal particles in coronal loops heated impulsively by nanoflares", 2014Sci...346B.315T ADS
- Tian, H., DeLuca, E. E., Cranmer, S. R., et al., "Prevalence of small-scale jets from the networks of the solar transition region and chromosphere", 2014Sci...346A.315T ADS
- Chitta, L. P., Kariyappa, R., van Ballegoijen, A. A., DeLuca, E. E., & Solanki, S. K., "Nonlinear Force-free Field Modeling of the Solar Magnetic Carpet and Comparison with SDO/HMI and Sunrise/IMaX Observations", 2014ApJ...793..112C ADS
- Savcheva, A. S., McKillop, S. C., McCauley, P. I., Hanson, E. M., & DeLuca, E. E., "A New Sigmoid Catalog from Hinode and the Solar Dynamics Observatory: Statistical Properties and Evolutionary Histories", 2014SoPh...289.3297S ADS
- Gomez, D. O., DeLuca, E. E., & Mininni, P. D., "Simulations of the Kelvin-Helmholtz instability driven by coronal mass ejections in the turbulent corona", 2014arXiv1408.2598G ADS
- Tian, H., Kleint, L., Peter, H., et al., "Observations of Subarcsecond Bright Dots in the Transition Region above Sunspots with the Interface Region Imaging Spectrograph", 2014ApJ...790L..29T ADS
- De Pontieu, B., Title, A. M., Lemen, J. R., et al., "The Interface Region Imaging Spectrograph (IRIS)", 2014SoPh...289.2733D ADS
- Sakao, T., Narukage, N., Suematsu, Y., et al., "The soft x-ray photon-counting telescope for solar observations", 2014SPIE.9144E..3DS ADS
- Savcheva, A. S., Mackay, D., Meyer, K., Gibb, G., & DeLuca, E. E., "Data-constrained Magnetofrictional Simulation of a Flux Rope Build-up in a Sigmoidal Active Region", 2014shin.confE...3S ADS
- Masson, S., McCauley, P., Golub, L., Reeves, K. K., & DeLuca, E. E., "Dynamics of the Transition Corona", 2014ApJ...787..145M ADS
- Asgari-Targhi, M., Imada, S., & DeLuca, E. E., "Observational Signatures of Alfvén Wave Turbulence in Solar Coronal Loops", 2014AAS...22432325A ADS
- Gomez, D. O., DeLuca, E. E., & Mininni, P. D., "Kelvin-Helmholtz instability driven by CMEs expanding in a turbulent medium", 2014AAS...22430302G ADS
- Savcheva, A., Parlat, E., McKillop, S., et al., "A Topological View at Observed Flare Features: An Extension of the Standard Flare Model to 3D", 2014AAS...22430301S ADS
- Amouzou, E. C., Muñoz-Jaramillo, A., Martens, P. C., & DeLuca, E. E., "Statistical Constraints on Joy's Law", 2014AAS...22421829A ADS
- McCauley, P., DeLuca, E. E., & Su, Y., "Column Densities of an Eruptive Prominence over Time", 2014AAS...22421822M ADS
- Su, Y., Van Ballegoijen, A. A., McCauley, P. I., et al., "Structure and Dynamics of One Polar Crown Prominence Eruption", 2014AAS...22421820S ADS
- Munoz-Jaramillo, A., Yeates, A. R., Martens, P. C., & DeLuca, E. E., "From the Tachocline Into the Heliosphere: Coupling a 3D kinematic dynamo to the CCMC", 2014AAS...22421103M ADS
- DeLuca, E. E., Cheimets, P., & Golub, L., "An Airborne Infrared Telescope and Spectrograph for Solar Eclipse Observations", 2014AAS...22412356D ADS
- Winebarger, A. R., Cirtain, J., Golub, L., et al., "Discovery of Finely Structured Dynamic Solar Corona Observed in the Hi-C Telescope", 2014ApJ...787L..10W ADS
- Tian, H., DeLuca, E., Reeves, K. K., et al., "High-resolution Observations of the Shock Wave Behavior for Sunspot Oscillations with the Interface Region Imaging Spectrograph", 2014ApJ...786..137T ADS

- Su, Y., Reeves, K. K., McCauley, P., van Ballegoijen, A. A., & DeLuca, E. E., "Structure and Dynamics of an Eruptive Prominence on the Quiet Sun", 2014IAUS...300...460S ADS
- Schwartz, P., Heinzel, P., Kotrč, P., et al., "Total mass loading of prominences estimated from their multi-spectral observations", 2014IAUS...300...458S ADS
- McCauley, P. I., Su, Y., DeLuca, E., & van Ballegoijen, A., "Column Density Measurements of a Prominence Observed by AIA", 2014IAUS...300...449M ADS
- Kliem, B., Su, Y. N., van Ballegoijen, A. A., & DeLuca, E. E., "Magnetohydrodynamic Modeling of the Solar Eruption on 2010 April 8", 2013ApJ...779...129K ADS
- DeLuca, E. E. & Paxton, L., "Future Needs for Remote Sensing in Heliophysics: Photonic Observations (Invited)", 2013AGUFMSM52A...03D ADS
- Asgari-Targhi, M., van Ballegoijen, A. A., Cranmer, S. R., & DeLuca, E. E., "The Spatial and Temporal Dependence of Coronal Heating by Alfvén Wave Turbulence", 2013ApJ...773...111A ADS
- Munoz-Jaramillo, A., Dasi-Espuig, M., Balmaceda, L. A., & DeLuca, E. E., "Solar Cycle Propagation, Memory, and Prediction: Insights from a Century of Magnetic Proxies", 2013SPD...4440302M ADS
- Asgari-Targhi, M., Van Ballegoijen, A. A., Cranmer, S. R., & DeLuca, E. E., "The Spatial and Temporal Dependence of Coronal Heating by Alfvén Wave Turbulence", 2013SPD...4430501A ADS
- Su, Y., Van Ballegoijen, A. A., McCauley, P., Reeves, K., & DeLuca, E. E., "Structure and Dynamics of the Polar Crown Prominence that Erupted on 2012 March 12", 2013SPD...4420302S ADS
- DeLuca, E. E., Su, Y., Kliem, B., & Van Ballegoijen, A. A., "An MHD Model of a Solar Eruption Starting from NLFFF Initial Conditions", 2013SPD...4410301D ADS
- Scherrer, D. K., Des Jardins, A., Ward, B., et al., "IRIS EPO Program Provides Experiences in Authentic NASA Science", 2013SPD...44...157S ADS
- Munoz-Jaramillo, A., Balmaceda, L. A., & DeLuca, E. E., "Using the dipolar and quadrupolar moments to improve solar cycle predictions based on the polar magnetic fields", 2013SPD...44...129M ADS
- Saar, S. H., DeLuca, E. E., McCauley, P., & Kobelski, A., "Fixing the Leak: Empirical Corrections for the Small Light Leak in Hinode XRT", 2013SPD...44...93S ADS
- McKillop, S., Savcheva, A., Hanson, E., McCauley, P., & DeLuca, E. E., "A New Sigmoid Catalog: Statistical Properties of Sigmoids and Their Evolution", 2013SPD...44...31M ADS
- Masson, S., McCauley, P., Golub, L., Reeves, K., & DeLuca, E. E., "Dynamics of the Transition Corona", 2013SPD...44...27M ADS
- Munoz-Jaramillo, A., Balmaceda, L. A., & DeLuca, E. E., "Using the Dipolar and Quadrupolar Moments to Improve Solar-Cycle Predictions Based on the Polar Magnetic Fields", 2013PhRvL.111d1106M ADS
- Su, Y., Kliem, B., van Ballegoijen, A., & DeLuca, E. E., "Numerical simulations of the CME on 2010 April 8", 2013IAUS...294...575S ADS
- Chitta, L. P., Kariyappa, R., van Ballegoijen, A. A., et al., "Observations and Modeling of the Emerging Extreme-ultraviolet Loops in the Quiet Sun as Seen with the Solar Dynamics Observatory", 2013ApJ...768...32C ADS
- Munoz-Jaramillo, A., Dasi-Espuig, M., Balmaceda, L. A., & DeLuca, E. E., "Solar Cycle Propagation, Memory, and Prediction: Insights from a Century of Magnetic Proxies", 2013ApJ...767L...25M ADS
- Hanson, E., DeLuca, E., & Savcheva, A. S., "Sigmoidal Active Regions on the Sun: Statistical and Detailed Studies", 2012AGUFMSH51A2202H ADS
- McKillop, S., Savcheva, A. S., & DeLuca, E., "Non-Linear Force Free Field Modeling and Flare Ribbon Comparison of Several Flaring Active Regions", 2012AGUFMSH51A2201M ADS
- Kliem, B., Su, Y., Van Ballegoijen, A. A., & DeLuca, E., "MHD Modeling of the Solar Eruption on 2010 April 8", 2012AGUFMSH51A2194K ADS
- Asgari-targhi, M., Van Ballegoijen, A. A., Cranmer, S. R., & DeLuca, E. E., "The Spatial Dependence of Coronal Heating by Alfvén Wave Turbulence", 2012AGUFMSH31B...05A ADS
- Munoz-Jaramillo, A. & DeLuca, E. E., "Understanding the Role of the Polar Fields on the Propagation of the Solar Cycle", 2012AGUFMSH13C2263M ADS
- Savcheva, A. S., Green, L. M., van Ballegoijen, A. A., & DeLuca, E. E., "Photospheric Flux Cancellation and the Build-up of Sigmoidal Flux Ropes on the Sun", 2012ApJ...759...105S ADS
- Sakao, T., Narukage, N., Imada, S., et al., "The x-ray/EUV telescope for the Solar-C mission: science and development activities", 2012SPIE.8443E...0AS ADS
- Kariyappa, R., DeLuca, E. E., Saar, S. H., et al., "Cooler and Hotter X-ray Bright Points from Hinode/XRT Observations", 2012ASPC...454...149K ADS
- Pariat, E., DeLuca, E., Van Ballegoijen, A., Aulanier, G., & Savcheva, A., "Comparison of a Magnetohydrodynamical Simulation and a Non-Linear Force-Free Field Model of a Sigmoidal Active Region.", 2012cosp...39.1448P ADS
- Munoz-Jaramillo, A., Sheeley, N. R., Zhang, J., & DeLuca, E. E., "Calibrating 100 Years of Polar Faculae Measurements: Implications for the Evolution of the Heliospheric Magnetic Field", 2012ApJ...753...146M ADS
- Savcheva, A. S., Green, L., van Ballegoijen, A., & DeLuca, E., "Photospheric flux cancellation and the build-up of sigmoidal flux ropes", 2012shin.confE.122S ADS
- Chitta, L. P., van Ballegoijen, A. A., Rouppe van der Voort, L., DeLuca, E. E., & Kariyappa, R., "Dynamics of the Solar Magnetic Bright Points Derived from Their Horizontal Motions", 2012ApJ...752...48C ADS
- Savcheva, A., Pariat, E., van Ballegoijen, A., Aulanier, G., & DeLuca, E., "Sigmoidal Active Region on the Sun: Comparison of a Magnetohydrodynamical Simulation and a Nonlinear Force-free Field Model", 2012ApJ...750...15S ADS
- Kobelski, A., Saar, S., McKenzie, D. E., et al., "Measuring Uncertainties in the Hinode X-Ray Telescope", 2012ASPC...456...241K ADS
- Kariyappa, R. & DeLuca, E., "Coronal Rotation from XBP's Observed with Hinode/XRT", 2012ASPC...456...207K ADS
- Reale, F., Testa, P., Guarrasi, M., et al., "Hot Plasma Detected in Active Regions by HINODE/XRT and SDO/AIA", 2012ASPC...456...129R ADS
- Schwartz, P., Heinzel, P., Kotrč, P., et al., "Mass Loading of Quiescent Prominences", 2012ASPC...456...73S ADS
- Savcheva, A., van Ballegoijen, A., & DeLuca, E. E., "Applications of Quasi-Separatrix Layer Maps in Understanding an XRT Sigmoid", 2012ASPC...455...261S ADS
- Hudson, H. S., Acton, L. W., DeLuca, E. E., et al., "X-Ray Searches for Solar Axions", 2012ASPC...455...25H ADS
- Savcheva, A., Green, L., van Ballegoijen, A., & DeLuca, E., "The Effect of Flux Cancellation on Building Sigmoidal Flux Ropes", 2012AAS...22041105S ADS
- Chitta, L. P., van Ballegoijen, A., Rouppe van der Voort, L., DeLuca, E., & Kariyappa, R., "Dynamics of the Photospheric Bright Points Observed With SST and Hinode", 2012AAS...22020614C ADS
- DeLuca, E. E., Savcheva, A., van Ballegoijen, A., et al., "Topological Tools For The Analysis Of Active Region Filament Stability", 2012AAS...22020207D ADS
- Munoz-Jaramillo, A., Sheeley, N. R., Zhang, J., & DeLuca, E. E., "Calibration Of a Century of Polar Field Measurements and what this Tells us About the Long-term Variability of the Solar and Heliospheric Magnetic Field", 2012AAS...22012304M ADS
- DeLuca, E. E., Savcheva, A., van Ballegoijen, A., et al., "Topological tools for the analysis of active region filament stability", 2012decs.confE...64D ADS
- Lemen, J. R., Title, A. M., Akin, D. J., et al., "The Atmospheric Imaging Assembly (AIA) on the Solar Dynamics Observatory (SDO)", 2012SoPh...275...17L ADS
- Savcheva, A. S., van Ballegoijen, A. A., & DeLuca, E. E., "Field Topology Analysis of a Long-lasting Coronal Sigmoid", 2012ApJ...744...78S ADS
- Behm, T., DeLuca, E., & Savcheva, A., "Nonlinear Force-Free Modeling of Aug 4 & 10, 2010 Sigmoids via Flux Rope Insertion Method", 2012AAS...21914404B ADS
- Long, D. M., DeLuca, E. E., & Gallagher, P. T., "The Wave Properties of Coronal Bright Fronts Observed Using SDO/AIA", 2011ApJ...741L...21L ADS
- Miralles, M. P., Cranmer, S. R., Raymond, J. C., et al., "Propagation of Polar Coronal Jets in the Fast Solar Wind", 2011exas.conf...119M ADS
- Sakao, T., Narukage, N., Shimojo, M., et al., "Photon-counting soft x-ray telescope for the Solar-C mission", 2011SPIE.8148E...0CS ADS
- Reale, F., Guarrasi, M., Testa, P., et al., "Solar Dynamics Observatory Discovers Thin High Temperature Strands in Coronal Active Regions", 2011ApJ...736L...16R ADS
- van Ballegoijen, A. A., Asgari-Targhi, M., Cranmer, S. R., & DeLuca, E. E., "Heating of the Solar Chromosphere and Corona by Alfvén Wave Turbulence", 2011ApJ...736...3V ADS
- Su, Y., Surges, V., van Ballegoijen, A., DeLuca, E., & Golub, L., "Observations and Magnetic Field Modeling of the Flare/coronal Mass Ejection Event on 2010 April 8", 2011ApJ...734...53S ADS
- Savcheva, A., Green, L., DeLuca, E., & van Ballegoijen, A., "Photospheric Flux Cancellation and the Build-up of Sigmoidal Flux Ropes", 2011SPD...42.1806S ADS
- Long, D., DeLuca, E., & Gallagher, P., "Wavefront Expansion and Dispersion of Coronal Bright Fronts", 2011SPD...42.0505L ADS
- Narukage, N., Sakao, T., Kano, R., et al., "Coronal-Temperature-Diagnostic Capability of the Hinode/X-Ray Telescope Based on Self-Consistent Calibration", 2011SoPh...269...169N ADS
- Testa, P., Reale, F., Landi, E., DeLuca, E. E., & Kashyap, V., "Temperature Distribution of a Non-flaring Active Region from Simultaneous Hinode XRT and EIS Observations", 2011ApJ...728...30T ADS

- Kariyappa, R., Deluca, E. E., Saar, S. H., et al., "Temperature variability in X-ray bright points observed with Hinode/XRT", 2011A&A...526A...78K ADS
- van Ballegooijen, A. A., Cranmer, S. R., Asgari-Targhi, M., & Deluca, E. E., "A Unified Model for Chromospheric and Coronal Heating Driven by Small-Scale Random Footpoint Motions", 2010AGUFM31C1802V ADS
- Long, D., Deluca, E. E., & Gallagher, P. T., "Observations of Coronal Bright Fronts using SDO/AIA", 2010AGUFM32A1825L ADS
- Engell, A., Reeves, K. K., Ji, L., et al., "Comparison of simulated and observed loop-top emission in flares using the AIA telescopes on SDO", 2010AGUFM31A1596E ADS
- Laming, J. M., Adams, J., Alexander, D., et al., "Science Objectives for an X-Ray Microcalorimeter Observing the Sun", 2010arXiv1011.4052L ADS
- Lee, J. Y., Barnes, G., Leka, K. D., et al., "The Role of Magnetic Topology in the Heating of Active Region Coronal Loops", 2010ApJ...723.1493L ADS
- Schmelz, J. T., Saar, S. H., Nasraoui, K., et al., "Multi-stranded and Multi-thermal Solar Coronal Loops: Evidence from Hinode X-ray Telescope and EUV Imaging Spectrometer Data", 2010ApJ...723.1180S ADS
- Bandler, S. R., Bailey, C. N., Bookbinder, J. A., et al., "High-spectral resolution high-cadence imaging x-ray microcalorimeters for solar physics", 2010SPIE.7732E...38B ADS
- Savcheva, A., DeLuca, E., & Van Ballegooijen, A., "Application of Quasi-Separatrix Layer Maps to Understanding the Structure and Evolution of Sigmoids", 2010AAS...21640522S ADS
- Bandler, S., Bailey, C. N., Bookbinder, J., et al., "High Spectral Resolution, Imaging X-ray Microcalorimeters for Solar Physics", 2010AAS...21640518B ADS
- DeLuca, E. E., "Hot Coronal Plasma Seen by SDO/AIA and Hinode/XRT", 2010AAS...21640227D ADS
- Kahler, S., Jibben, P., & DeLuca, E. E., "TRACE Observations of Changes in Coronal Hole Boundaries", 2010SoPh...262...135K ADS
- Demoulin, P., Aulanier, G., Toeroek, T., & Deluca, E., "Magnetic Flux Rope Eruption: Non Equilibrium versus Torus Instability", 2010cosp...38.1855D ADS
- Aulanier, G., Török, T., Démoulin, P., & DeLuca, E. E., "Formation of Torus-Unstable Flux Ropes and Electric Currents in Erupting Sigmoids", 2010ApJ...708...314A ADS
- Kariyappa, R., Varghese, B. A., DeLuca, E. E., & van Ballegooijen, A. A., "Dynamical Evolution of X-Ray Bright Points with Hinode/XRT", 2010ASSP...19...440K ADS
- Schmelz, J. T., Saar, S. H., Weber, M. A., Deluca, E. E., & Golub, L., "Coronal Loop Temperatures Obtained with Hinode XRT: A Toothpaste-Tube Analogy", 2009ASPC...415...299S ADS
- Farid, S., Saar, S., Govindan, R., & Deluca, E., "Examining the Effect of Local Magnetic Field on Coronal Bright Point Heating and Evolution", 2009ASPC...415...15F ADS
- Savcheva, A., Cirtain, J. W., DeLuca, E. E., & Golub, L., "Does a Polar Coronal Hole's Flux Emergence Follow a Hale-Like Law?", 2009ApJ...702L...32S ADS
- Shin, J., Martens, P. C. H., Golub, L., & Deluca, E. E., "The Off-Axis Properties of the Hinode X-Ray Telescope (XRT): I. Vignetting Effect", 2009SPD...40.1804S ADS
- Stern, J., Cirtain, J., Falconer, D., Moore, R., & DeLuca, E., "Detection of a Preferred Direction of Polar-Latitude Magnetic Bipoles via the Reconnection Bright Point in X-Ray Jets", 2009SPD...40.1304S ADS
- Schmelz, J. T., Saar, S. H., DeLuca, E. E., et al., "Hinode X-Ray Telescope Detection of Hot Emission from Quiescent Active Regions: A Nanoflare Signature?", 2009ApJ...693L.131S ADS
- Archontis, V., Hood, A. W., Savcheva, A., Golub, L., & Deluca, E., "On the Structure and Evolution of Complexity in Sigmoids: A Flux Emergence Model", 2009ApJ...691.1276A ADS
- Saar, S., Farid, S., & Deluca, E., "Thermal And Statistical Properties of X-ray Bright Points", 2009AIPC.1094...756S ADS
- Schmelz, J. T., Nasraoui, K., Rightmire, L. A., et al., "Are Coronal Loops Isothermal or Multithermal?", 2009ApJ...691...503S ADS
- Su, Y., van Ballegooijen, A., Lites, B. W., et al., "Observations and Nonlinear Force-Free Field Modeling of Active Region 10953", 2009ApJ...691...105S ADS
- Sakao, T., Kano, R., Narukage, N., Deluca, E. E., & Grigis, P., "Plasma Outflows in the Corona as Observed With Hinode XRT", 2008AGUFM41B1624S ADS
- Reeves, K. K., Patsourakos, S., Stenborg, G., et al., "Observations and analysis of the April 9, 2008 CME using STEREO, Hinode TRACE and SoHO data", 2008AGUFM12A...04R ADS
- Heinzel, P., Schmieder, B., Fárník, F., et al., "Hinode, TRACE, SOHO, and Ground-based Observations of a Quiescent Prominence", 2008ApJ...686.1383H ADS
- Reeves, K. K., Weber, M. A., Kashyap, V., & Deluca, E. E., "DEM Temperature Analysis of Eruptive Events Using the XRT on Hinode", 2008ASPC...397...187R ADS
- Hudson, H. S., Hannah, I. G., Deluca, E. E., & Weber, M., "Physical Conditions in Coronal Structures About to Flare", 2008ASPC...397...130H ADS
- Kano, R., Sakao, T., Narukage, N., et al., "Vertical Temperature Structures of the Solar Corona Derived with the Hinode X-Ray Telescope", 2008PASJ...60...827K ADS
- Kano, R., Sakao, T., Hara, H., et al., "The Hinode X-Ray Telescope (XRT): Camera Design, Performance and Operations", 2008SoPh...249...263K ADS
- Savcheva, A. & DeLuca, E., "A search for oscillating loops in Solar-B XRT observations", 2008IAUS...247...147S ADS
- Deluca, E. E., Weber, M., Savcheva, A., et al., "The Analysis of Hinode/XRT Observations", 2008AGUSMSP51B...02D ADS
- Su, Y., van Ballegooijen, A., Golub, L., & Deluca, E., "Observations and NLFFF Modeling of Active Region 10953", 2008AGUSMSP43C...07S ADS
- Hudson, H. S., Acton, L. W., DeLuca, E. E., et al., "Searching the X-ray Sun For Solar Axions", 2008AAS...212.0402H ADS
- Su, Y., van Ballegooijen, A., Golub, L., & Deluca, E., "Observations and NLFFF modeling of active region 10953", 2008cosp...37.3075S ADS
- Grigis, P., Golub, L., & Deluca, E., "Coronal soft X-ray activity in the quiet Sun", 2008cosp...37.1077G ADS
- Deluca, E., van Ballegooijen, A., & Harvey, J., "Magnetic Evolution of X-Ray Bright Points", 2008cosp...37...690D ADS
- Bobra, M. G., van Ballegooijen, A. A., & DeLuca, E. E., "Modeling Nonpotential Magnetic Fields in Solar Active Regions", 2008ApJ...672.1209B ADS
- Aulanier, G., Golub, L., DeLuca, E. E., et al., "Slipping Magnetic Reconnection in Coronal Loops", 2007Sci...318.1588A ADS
- Sakao, T., Kano, R., Narukage, N., et al., "Continuous Plasma Outflows from the Edge of a Solar Active Region as a Possible Source of Solar Wind", 2007Sci...318.1585S ADS
- Cirtain, J. W., Golub, L., Lundquist, L., et al., "Evidence for Alfvén Waves in Solar X-ray Jets", 2007Sci...318.1580C ADS
- Deluca, E. E., van Ballegooijen, A. A., Harvey, J. W., & Henney, C. J., "The Magnetic Structure of X-Ray Bright Points", 2007AGUFM35A1058D ADS
- Narukage, N., Sakao, T., Kano, R., et al., "Cross calibration of soft X-ray telescopes between Hinode/XRT and GOES13/SXI", 2007AGUFM35A1050N ADS
- Hannah, I. G., Christe, S., Krucker, S., et al., "X-ray Microflares with Hinode and RHESSI", 2007AGUFM352C...07H ADS
- Shimizu, T., Kano, R., Katsukawa, Y., et al., "Magnetic field properties at the footpoints of solar microflares (active-region transient brightenings)", 2007AGUFM352C...06S ADS
- Farid, S. I., Saar, S., Deluca, E., Golub, L., & Weber, M., "The Differential Emission Measure and Analysis of X-Ray Bright Points using Hinode's X-Ray Telescope (XRT)", 2007AGUFM32A0841F ADS
- Weber, M., Deluca, E. E., Golub, L., et al., "An On-Orbit Determination of the On-Axis Point Spread Function of the Hinode X-Ray Telescope", 2007PASJ...59S.853W ADS
- Shimizu, T., Katsukawa, Y., Matsuzaki, K., et al., "Hinode Calibration for Precise Image Co-Alignment between SOT and XRT (2006 November-2007 April)", 2007PASJ...59S.845S ADS
- Su, Y., Golub, L., van Ballegooijen, A., et al., "Evolution of the Sheared Magnetic Fields of Two X-Class Flares Observed by Hinode/XRT", 2007PASJ...59S.785S ADS
- Savcheva, A., Cirtain, J., Deluca, E. E., et al., "A Study of Polar Jet Parameters Based on Hinode XRT Observations", 2007PASJ...59S.771S ADS
- Kotoku, J., Kano, R., Tsuneta, S., et al., "Magnetic Feature and Morphological Study of X-Ray Bright Points with Hinode", 2007PASJ...59S.735K ADS
- Deluca, E. E., "The X-Ray Telescope for Solar-B: Calibration and Predicted Performance", 2007ASPC...369...19D ADS
- Su, Y., Van Ballegooijen, A., McCaughey, J., et al., "What Determines the Intensity of Solar Flare/CME Events?", 2007ApJ...665.1448S ADS
- Matsuzaki, K., Shimajo, M., Tarbell, T. D., Harra, L. K., & Deluca, E. E., "Data Archive of the Hinode Mission", 2007SoPh...243...87M ADS
- Golub, L., DeLuca, E., Austin, G., et al., "The X-Ray Telescope (XRT) for the Hinode Mission", 2007SoPh...243...63G ADS
- Kano, R., Sakao, T., Narukage, N., et al., "Temperature Structures Above Coronal Hole and Quiet Sun", 2007AAS...210.9436K ADS
- Cirtain, J. W., Lundquist, L. L., DeLuca, E. E., et al., "The Statistics of Polar Coronal Jets using XRT/Hinode", 2007AAS...210.9432C ADS
- Schmelz, J. T., Nasraoui, K., Rightmire, L., et al., "Are Coronal Loops Isothermal Or Multithermal? Yes!", 2007AAS...210.9431S ADS
- Lundquist, L. L., van Ballegooijen, A. A., Reeves, K. K., et al., "Structure and Coronal Activity around Filament Channels Observed with Hinode XRT And TRACE", 2007AAS...210.9427L ADS

- Saar, S. H. & DeLuca, E. E., “The Sun-as-a-star As Seen By Hinode XRT”, 2007AAS...210.9424S ADS
- Shimojo, M., Narukage, N., Kano, R., et al., “The Dynamics Of Fine Structures In Solar X-ray Jets”, 2007AAS...210.9422S ADS
- Golub, L., Cirtain, J., DeLuca, E. E., et al., “Intercalibration of the X-ray Telescope and the EUV Imaging Spectrometer on Hinode”, 2007AAS...210.9418G ADS
- Shimizu, T., DeLuca, E. E., Lundquist, L., et al., “Hinode Data Calibration For Precise Image Co-alignment: XRT vs. SOT”, 2007AAS...210.9417S ADS
- Weber, M. A., Cirtain, J., Golub, L., et al., “On-orbit Measurement Of The Hinode/XRT Point Spread Function”, 2007AAS...210.9416W ADS
- Nasraoui, K., Schmelz, J. T., Cirtain, J. W., et al., “Coronal Diagnostics Spectrometer Observations of Coronal Loops”, 2007AAS...210.9122N ADS
- Rightmire, L., Schmelz, J. T., Cirtain, J. W., et al., “SOHO-CDS: Thermal and Density Analysis of Coronal Loops”, 2007AAS...210.9121R ADS
- Kimble, J., Schmelz, J. T., Nasraoui, K., et al., “Coronal Loops: Isothermal or Multithermal?”, 2007AAS...210.9120K ADS
- Savcheva, A., Cirtain, J., Lundquist, L. L., et al., “A Study of Polar Jet Parameters Based on Solar-B XRT Observations”, 2007AAS...210.9116S ADS
- Bobra, M., van Ballegoijen, A. A., & DeLuca, E. E., “Modeling Non-Potential Magnetic Fields in Solar Active Regions”, 2007AAS...210.9103B ADS
- Sakao, T., Kano, R., Narukage, N., et al., “Continuous Upflow of Plasmas at the Edge of an Active Region as Revealed by the X-ray Telescope (XRT) aboard Hinode”, 2007AAS...210.7205S ADS
- Narukage, N., Sakao, T., Kano, R., et al., “Coronal Temperature Diagnostics With Hinode X-ray Telescope”, 2007AAS...210.6304N ADS
- DeLuca, E. E. & US-Japan X-Ray Telescope Team, “The X-ray Telescope On Hinode”, 2007AAS...210.6302D ADS
- Su, Y., Golub, L., Van Ballegoijen, A., et al., “Magnetic Shear in Two-ribbon Solar Flares”, 2007AAS...210.3702S ADS
- Garst, J. W., Schmelz, J. T., Nasraoui, K., et al., “Differential Emission Measurements on Sparse Raster Data from SOHO-CDS”, 2007AAS...210.2517G ADS
- Schmelz, J. T., Nasraoui, K., Del Zanna, G., et al., “Coronal Diagnostic Spectrometer Observations of Isothermal and Multithermal Coronal Loops”, 2007ApJ...658L.119S ADS
- van Ballegoijen, A. A., DeLuca, E. E., Squires, K., & Mackay, D. H., “Modeling magnetic flux ropes in the solar atmosphere”, 2007JASTP...69...24V ADS
- Cirtain, J. W., Del Zanna, G., DeLuca, E. E., et al., “Active Region Loops: Temperature Measurements as a Function of Time from Joint TRACE and SOHO CDS Observations”, 2007ApJ...655...598C ADS
- Sandell, J., Kashyap, V., Weber, M., et al., “Coronal Loop Recognition: A Diagnostic Tool for Magnetic Field Extrapolation Models”, 2006AAS...209.1604S ADS
- Mandrini, C. H., Demoulin, P., Schmieder, B., et al., “Companion Event and Precursor of the X17 Flare on 28 October 2003”, 2006SoPh...238...293M ADS
- Dobrzycka, D., Raymond, J., DeLuca, E., et al., “SOHO Observations of Polar Coronal Jets over the Last Solar Cycle”, 2006ESASP.617E...87D ADS
- DeLuca, E. E. & XRT Team, “The X-Ray Telescope for Solar-B”, 2006SPD...37.3603D ADS
- Schmelz, J. T., Nasraoui, K., Cirtain, J., et al., “The Coronal Loop Controversy: Resolved?”, 2006SPD...37.1701S ADS
- Jibben, P. R., Kahler, S. W., & DeLuca, E., “Using High Cadence TRACE Observations for Coronal Hole Boundary Analysis”, 2006SPD...37.1002J ADS
- Golub, L., Cirtain, J., DeLuca, E., et al., “The Hi-C Sounding Rocket Experiment”, 2006SPD...37.0605G ADS
- Smith, P. L., Golub, L., Bookbinder, J. A., et al., “The Atmospheric Imaging Assembly (AIA) for the Solar Dynamics Observatory”, 2006SPD...37.0119S ADS
- Bobra, M., DeLuca, E. E., & Van Ballegoijen, A. A., “Modeling Non-Potential Fields in Solar Active Regions”, 2006SPD...37.0112B ADS
- Lin, L. W., Kashya, V., Cirtain, J., et al., “The Nature and Time-variability of TRACE Moss”, 2006SPD...37.0102L ADS
- DeLuca, E. E., van Ballegoijen, A., & Bobra, M., “The Non-Potential Structure of Solar Active Regions”, 2006AAS...208.6508D ADS
- Schmieder, B., Mandrini, C. H., Démoulin, P., et al., “Magnetic reconfiguration before the X 17 Solar flare of October 28 2003”, 2006AdSpr...37.1313S ADS
- Weber, M. A., Schmelz, J. T., DeLuca, E. E., & Roames, J. K., “Isothermal Bias of the “Filter Ratio” Method for Observations of Multithermal Plasma”, 2005ApJ...635L.101W ADS
- Golub, L. & DeLuca, E., “The Reconnection and Microscale (RAM) Mission in the LWS Context”, 2005AGUFM54A...02G ADS
- Cirtain, J. J., del Zanna, G., Mason, H., DeLuca, E., & Martens, P., “Dynamics of Active Region Loops: Temperature Measurements as a function of Time”, 2005AGUFM54A...03C ADS
- Golub, L., Bookbinder, J. A., DeLuca, E. E., & Karpen, J. T., “The Reconnection and Microscale (RAM) probe”, 2005SPIE.5901...281G ADS
- Cosmo, M. L., DeLuca, E. E., Golub, L., et al., “Calibration of the Solar-B X-ray optics”, 2005SPIE.5900...99C ADS
- Golub, L., Barbera, M., Bookbinder, J., et al., “The Calibration of the Solar-B X-ray Telescope (XRT)”, 2005AGUSMSP43A...01G ADS
- DeLuca, E. E., Cirtain, J. W., del Zanna, G., et al., “EUV Observations of Active Region Dynamics”, 2005AGUSMSP33A...03D ADS
- Weber, M., DeLuca, E., & Schmelz, J., “Why Does TRACE See So Many Isothermal Loops?”, 2005AGUSMSP13B...03W ADS
- DeLuca, E. E., Ward, R. B., Griffin, R., et al., “SAO/MCLC Solar Dynamics Observatory Partnership”, 2005AGUSMSH13D...04D ADS
- Pasachoff, J. M., Kozarev, K. A., Butts, D. L., et al., “Spicules, mass transfer, oscillations, and the heating of the corona”, 2005AGUSMSH13C...02P ADS
- Lin, L., Kashyap, V. L., Drake, J. J., et al., “The nearest star: resolving the building blocks of the coronal DEM”, 2005ESASP.560...757L ADS
- Testa, P., Drake, J. J., Peres, G., & DeLuca, E. E., “Size of coronal structures in active stellar coronae from the detection of X-ray resonant scattering”, 2005ESASP.560...43T ADS
- DeLuca, E. E., Weber, M. A., Sette, A. L., et al., “Science of the X-ray Sun: The X-ray telescope on Solar-B”, 2005AdSpr...36.1489D ADS
- Verwichte, E., Nakariakov, V. M., Ofman, L., & DeLuca, E. E., “Transverse Oscillations in a Coronal Loop Arcade”, 2004ESASP.575...460V ADS
- Golub, L., DeLuca, E. E., Sette, A., & Weber, M., “Differential Emission Measure Reconstruction with the SolarB X-Ray Telescope”, 2004ASPC...325...217G ADS
- Kano, R., Hara, H., Shimojo, M., et al., “SolarB X-Ray Telescope (XRT)”, 2004ASPC...325...15K ADS
- Artale, M. A., Barbera, M., Collura, A., et al., “Calibration of the XRT-SOLARB flat mirror samples at the XACT Facility of INAF-OAPA”, 2004SPIE.5488...440A ADS
- Barbera, M., Artale, M. A., Candia, R., et al., “Calibration of the XRT-SOLARB flight filters at the XACT facility of INAF-OAPA”, 2004SPIE.5488...423B ADS
- Schmieder, B., Mein, N., Deng, Y., et al., “Magnetic changes observed in the formation of two filaments in a complex active region: TRACE and MSDP observations”, 2004SoPh...223...119S ADS
- Verwichte, E., Nakariakov, V. M., Ofman, L., & DeLuca, E. E., “Characteristics of transverse oscillations in a coronal loop arcade”, 2004SoPh...223...77V ADS
- Testa, P., Drake, J. J., Peres, G., & DeLuca, E. E., “Detection of X-Ray Resonance Scattering in Active Stellar Coronae”, 2004ApJ...609L...79T ADS
- Dobrzycka, D., Raymond, J. C., DeLuca, E. E., et al., “Evidence for Coexisting Hot and Cool Polar Coronal Jets - Coordinated Observations of SOHO and TRACE”, 2004AGUSMSH52A...05D ADS
- Lin, L., Kashyap, V. L., Drake, J. J., et al., “The Nearest Star: Emission Structure of the Sun’s corona”, 2004AAS...204.9508L ADS
- Weber, M. A., Caldwell, D., DeLuca, E. E., Golub, L., & Sette, A. L., “The Atmospheric Imaging Assembly and Temperature Diagnostics”, 2004AAS...204.6906W ADS
- DeLuca, E. E., Weber, M. A., & Golub, L., “Science with the Solar-B X-Ray Telescope”, 2004AAS...204.6905D ADS
- Sette, A. L., DeLuca, E. E., Weber, M. A., & Golub, L., “Pre-Conditioning Optimization Methods and Display for Mega-Pixel DEM Reconstructions”, 2004AAS...204.6904S ADS
- Windt, D. L., Donguy, S., Seely, J. F., et al., “EUV multilayers for solar physics”, 2004SPIE.5168...1W ADS
- Schmieder, B., Berlicki, A., Vilmer, N., et al., “Multi-wavelength flare study and magnetic configuration”, 2004IAUS...223...397S ADS
- Weber, M. A., DeLuca, E. E., Golub, L., & Sette, A. L., “Temperature diagnostics with multichannel imaging telescopes”, 2004IAUS...223...321W ADS
- Berlicki, A., Schmieder, B., Vilmer, N., et al., “Multi-Wavelength Observations of an M1.0 Flare on 22 October 2002”, 2004IAUS...219...669B ADS
- Dobrzycka, D., Raymond, J. C., DeLuca, E. E., et al., “Origins of the Solar Polar Jets - Coordinated SOHO and TRACE Observations”, 2003AGUFM522A0187D ADS
- Antiochos, S. K., Karpen, J. T., DeLuca, E. E., Golub, L., & Hamilton, P., “Constraints on Active Region Coronal Heating”, 2003ApJ...590...547A ADS
- King, D. B., Nakariakov, V. M., DeLuca, E. E., Golub, L., & McClements, K. G., “Propagating EUV disturbances in the Solar corona: Two-wavelength observations”, 2003A&A...404L...1K ADS
- Bookbinder, J. A., DeLuca, E. E., Golub, L., Weber, M., & Karpen, J. T., “The High Resolution Imager on the Reconnection and Microscale (RAM) Mission”, 2003SPD...34.2404B ADS

- DeLuca, E., "DECCode: The Dual-channel EUV Coronal Dynamics Explorer", 2003SPD...34.2005D [ADS](#)
- Hamilton, P. S., DeLuca, E. E., & Johnson, K., "Coronal Loop Differential Emission Measures from TRACE and CDS Observations", 2003SPD...34.1707H [ADS](#)
- Weber, M. A., Seaton, D. B., DeLuca, E. E., & Lee, E., "Moss Loop Cooling in the TRACE 171A Passband", 2003SPD...34.1704W [ADS](#)
- Seaton, D. B., DeLuca, E. E., Cooper, F. C., & Nakariakov, V. M., "Coronal 'Tadpoles' Observed by TRACE", 2003SPD...34.1618S [ADS](#)
- Boyd, J. F., Weber, M. A., DeLuca, E. E., & Van Ballegoijen, A. A., "Exploration of Stability Regime for Coronal Loops with Asymmetric Footpoint Heating", 2003SPD...34.0405B [ADS](#)
- Bookbinder, J. A., DeLuca, E., Cheimets, P., et al., "The Reconnection and Microscale (RAM) Solar-Terrestrial Probe", 2003SPIE.4853..436B [ADS](#)
- Winkelman, S. L., Rots, A., DeLuca, E. E., Paltani, S., & Hall, D., "Tracking the processing status of Chandra observations", 2002SPIE.4844..485W [ADS](#)
- Rots, A. H., Winkelman, S. L., Paltani, S., & DeLuca, E. E., "Chandra Data Archive Operations", 2002SPIE.4844..172R [ADS](#)
- Zhang, M., Golub, L., DeLuca, E., & Burkepile, J., "The Timing of Flares Associated with the Two Dynamical Types of Solar Coronal Mass Ejections", 2002ApJ...574L..97Z [ADS](#)
- DeLuca, E. E.: 2002, *Influence of Coronal Abundance Variations*, Technical Report, Smithsonian Astrophysical Observatory Cambridge, MA United States 2002STIN...0251207D [ADS](#)
- DeLuca, E. E., Bookbinder, J., & Golub, L., "Science Objectives of the Reconnection and Microscale (RAM) Solar-Terrestrial Probe", 2002AAS...200.8801D [ADS](#)
- Reeves, K. K., Warren, H. P., DeLuca, E. E., Boyd, J. F., & Arber, T. D., "Hydrodynamic Modeling of Flare Loops", 2002AAS...200.6811R [ADS](#)
- Bookbinder, J. A., DeLuca, E. E., & Golub, L., "The Reconnection and Microscale (RAM) Mission", 2002AAS...200.5609B [ADS](#)
- Antiochos, S. K., Karpen, J. T., DeLuca, E. E., Golub, L., & Hamilton, P., "Active Region Loop Heating", 2002AAS...200.1606A [ADS](#)
- Boyd, J. F., DeLuca, E. E., van Ballegoijen, A. A., & Arber, T. D., "A New Code for Simulating Dynamic Coronal Loops", 2002AAS...200.0211B [ADS](#)
- Hamilton, P. S., Warren, H. P., DeLuca, E. E., & Boyd, J. F., "TRACE Active Region Loops: Observation and Modeling", 2002AAS...200.0210H [ADS](#)
- Golub, L., DeLuca, E., Hamilton, P., et al., "A photometric imaging solar telescope, tunable in the extreme ultraviolet, utilizing multilayer x-ray optics", 2002RSci...73.1908G [ADS](#)
- Winebarger, A. R., Warren, H., van Ballegoijen, A., DeLuca, E. E., & Golub, L., "Steady Flows Detected in Extreme-Ultraviolet Loops", 2002ApJ...567L..89W [ADS](#)
- Brown, D. S., Parnell, C. E., DeLuca, E. E., et al., "Magnetic structure and reconnection of x-ray bright points in the solar corona", 2002AdSpR...29.1093B [ADS](#)
- Seaton, D. B., Winebarger, A. R., DeLuca, E. E., et al., "Active Region Transient Events Observed with TRACE", 2001ApJ...563L.173S [ADS](#)
- Seaton, D. B., DeLuca, E. E., Golub, L., et al., "Impulsive Events and Coronal Loop Cooling Observed with TRACE", 2001AGUFM11A0705S [ADS](#)
- Reeves, K. K., Shoer, J., DeLuca, E. E., et al., "New Observations of Oscillating Coronal Loops", 2001AGUFM11A0704R [ADS](#)
- Boyd, J. F., DeLuca, E. E., Reeves, K. K., & Winebarger, A. R., "Investigation of Non-steady Flow Solutions in the Coronal Heating Problem", 2001AGUFM11A0691B [ADS](#)
- Antiochos, S. K., Karpen, J. T., DeLuca, E. E., Golub, L., & Hamilton, P., "On the Time Variability of Coronal Heating", 2001AGUFM11A0690A [ADS](#)
- Brown, D. S., Parnell, C. E., DeLuca, E. E., Golub, L., & McMullen, R. A., "The Magnetic Structure of a Coronal X-Ray Bright Point", 2001SoPh...201..305B [ADS](#)
- Mein, N., Schmieder, B., DeLuca, E. E., et al., "A Study of Hydrogen Density in Emerging Flux Loops from a Coordinated Transition Region and Coronal Explorer and Canary Islands Observation Campaign", 2001ApJ...556..438M [ADS](#)
- Winebarger, A. R., DeLuca, E. E., & Golub, L., "Apparent Flows above an Active Region Observed with the Transition Region and Coronal Explorer", 2001ApJ...553L..81W [ADS](#)
- DeLuca, E. E., Golub, L., & Bookbinder, J., "Science Objectives of the Solar B X-Ray Telescope", 2001AGUSM...SH31D04D [ADS](#)
- DeLuca, E. E. & Hurlburt, N. E., "Magnetic Diffusion in Stratified Atmospheres", 2001ApJ...548.1093D [ADS](#)
- Golub, L., DeLuca, E. E., Bookbinder, J. A., et al., "High-resolution grazing incidence telescope for the Solar-B observatory", 2000SPIE.4139..313G [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](#)
- 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](#)
- Deng, Y. Y., Schmieder, B., Engvold, O., DeLuca, E., & Golub, L., "Emergence of sheared magnetic flux tubes in an active region observed with the SVST and TRACE", 2000SoPh...195..347D [ADS](#)
- DeLuca, E. E., Golub, L., Bookbinder, J., et al., "The X-Ray Telescope on Solar B", 2000SPD...31Q0293D [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](#)
- DeLuca, E. E., Golub, L., Bookbinder, J., et al., "The X-ray telescope on Solar B.", 2000BAAS...32..827D [ADS](#)
- Reale, F., Peres, G., Serio, S., et al., "A Brightening Coronal Loop Observed by TRACE. II. Loop Modeling and Constraints on Heating", 2000ApJ...535..423R [ADS](#)
- Reale, F., Peres, G., Serio, S., DeLuca, E. E., & Golub, L., "A Brightening Coronal Loop Observed by TRACE. I. Morphology and Evolution", 2000ApJ...535..412R [ADS](#)
- Lenz, D. D., DeLuca, E. E., Golub, L., et al., "Long-lived Coronal Loop Profiles from TRACE", 1999SoPh...190..131L [ADS](#)
- Schmieder, B., DeLuca, E., Mein, N., et al., "A Study of Hydrogen Density in Emerging Flux Loops from a Coordinated TRACE and Canary Islands Observation Campaign", 1999ESASP.448..653S [ADS](#)
- Schmieder, B., Engvold, O., Wiik, J. E., & DeLuca, E., "Fine-Structures and Dynamics of a Filament in EUV lines: SOHO/CDS and SUMER, TRACE", 1999ESASP.446..599S [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](#)
- Aulanier, G., DeLuca, E. E., Golub, L., et al., "An Eruptive Flare Observed by TRACE as a Test for the Magnetic", 1999ESASP.446..131A [ADS](#)
- Brown, D. S., Parnell, C., DeLuca, E., McMullen, R., & Golub, L., "Observed Magnetic Structure of X-Ray Bright Points from TRACE and MDP", 1999ASPC...184...81B [ADS](#)
- Nakariakov, V. M., Ofman, L., DeLuca, E. E., Roberts, B., & Davila, J. M., "TRACE observation of damped coronal loop oscillations: Implications for coronal heating", 1999Sci...285..862N [ADS](#)
- Schrijver, C. J., Title, A. M., Berger, T. E., et al., "A new view of the solar outer atmosphere by the Transition Region and Coronal Explorer", 1999SoPh...187..261S [ADS](#)
- Handy, B. N., Acton, L. W., Kankelborg, C. C., et al., "The transition region and coronal explorer", 1999SoPh...187..229H [ADS](#)
- Lenz, D. D., DeLuca, E. E., Golub, L., Rosner, R., & Bookbinder, J. A., "Temperature and Emission-Measure Profiles along Long-lived Solar Coronal Loops Observed with the Transition Region and Coronal Explorer", 1999ApJ...517L.155L [ADS](#)
- Golub, L., Bookbinder, J., DeLuca, E., et al., "A new view of the solar corona from the transition region and coronal explorer (TRACE)", 1999PhP...6.2205G [ADS](#)
- Ofman, L., Nakariakov, V. M., DeLuca, E., Roberts, B., & Davila, J. M., "Termination of the Reynolds number from TRACE Observation of Damped Coronal Loop Oscillations Induced by a Flare", 1999AAS...194.79090 [ADS](#)
- van Ballegoijen, A. A. & DeLuca, E. E., "TRACE and SVST Observations of an Active-Region Filament", 1999AAS...194.7806V [ADS](#)
- DeLuca, E. E. & Hurlburt, N. E., "Nonlinear Compressible Dynamos", 1999AAS...194.5616D [ADS](#)
- Handy, B. N., DeLuca, E. E., McMullen, R. A., et al., "The Transition Region and Coronal Explorer", 1998AAS...193.1207H [ADS](#)
- Cheimets, P., Bookbinder, J. A., DeLuca, E., et al., "Large-area thin aluminum filter design, handling, and testing", 1998SPIE.3445..96C [ADS](#)
- Bookbinder, J. A., Cheimets, P., Davis, W. R., et al., "HIREX: results of the mission concept study", 1998SPIE.3442..22B [ADS](#)
- Dmitruk, P., Gómez, D. O., & DeLuca, E. E., "Magnetohydrodynamic Turbulence of Coronal Active Regions and the Distribution of Nanoflares", 1998ApJ...505..974D [ADS](#)
- DeLuca, E. E. & Hurlburt, N.: 1998, *Chinks in Solar Dynamo Theory: Turbulent Diffusion, Dynamo Waves and Magnetic Helicity*, Technical Report, NASA/CR-1998-207988; NAS 1.26:207988 1998nasa.reptV...D [ADS](#)
- Title, A., Tarbell, T., Schrijver, C., et al., "First Results from the TRACE Mission", 1998AAS...192.1507T [ADS](#)
- DeLuca, E. E. & Hurlburt, N., "Magnetic Diffusion in Stratified Atmospheres", 1997SPD...28.0251D [ADS](#)
- McMullen, R. A., DeLuca, E. E., & Golub, L., "Detecting Siphon Flows in Coronal Loops", 1997SPD...28.0148M [ADS](#)
- Wolfson, J., Bruner, M., Jurcevich, B., et al., "The TRACE Mission", 1997SPD...28.0143W [ADS](#)

- DeLuca, E. E., Fan, Y., & Saar, S. H., "The Emergence of Magnetic Flux Loops in Sunlike Stars", 1997ApJ...481..369D ADS
- Saar, S. H., Deluca, E. E., Baliunas, S. L., & Donahue, R. A., "Possible Detection of a Residual Non-Cyclic Distributed Dynamo in "Maunder Minimum" Stars", 1996AAS...189.8104S ADS
- Wills, M. J., Deluca, E. E., & Guenther, D. B., "Modeling magnetic flux emergence in HD 106225", 1996BAAS...28..943W ADS
- Wills, M. J., Deluca, E. E., & Guenther, D. B., "Modeling Magnetic Flux Emergence in HD 106225", 1996AAS...188.7109W ADS
- Gaizauskas, V., Deluca, E., Golub, L., Jones, H. P., & November, L., "Observations of a Quiescent Prominence Straddling the Solar Limb during the Total Eclipse of 11 July 1991", 1996mpsa.conf..491G ADS
- Daw, A., Deluca, E. E., & Golub, L., "Observations and Interpretation of Soft X-Ray Limb Absorption Seen by the Normal Incidence X-Ray Telescope", 1995ApJ...453..929D ADS
- Gomez, D. O., Deluca, E. E., & McClymont, A. N., "Nonlinear Energy Transfer in Solar Magnetic Loops", 1995ApJ...448..954G ADS
- Wills, M. J., Hartl, M. D., Deluca, E. E., & Golub, L., "NIXT X-ray Bright Point Survey: Building a Better Bright Point", 1995SPD...26..707W ADS
- Karovska, M., Habbal, S. R., Golub, L., DeLuca, E., & Hudson, H., "Recovering the fine structures in solar images", 1994ESASP.373..183K ADS
- Winebarger, A., Deluca, E. E., & Golub, L., "Simultaneous High Resolution Coronal and Photospheric Observations From NIXT and BBSO", 1994AAS...185.8605W ADS
- Fisher, G. H., Fan, Y., Deluca, E. E., & McClymont, A. N., "Models of Rising Active Region Flux Tubes", 1994ASPC...68..109F ADS
- Bookbinder, J., Golub, L., Deluca, E. E., & Smartt, R., "The SWATH Satellite Program", 1993AAS...183.0810B ADS
- Deluca, E. E., Fisher, G. H., & Patten, B. M., "The Dynamics of Magnetic Flux Rings", 1993ApJ...411..383D ADS
- Fan, Y., Fisher, G. H., & Deluca, E. E., "The Origin of Morphological Asymmetries in Bipolar Active Regions", 1993ApJ...405..390F ADS
- Fan, Y., Fisher, G. H., & Deluca, E. E., "The Evolution of Anchored Magnetic Flux Loops in the Convective Envelope of the Sun", 1993ASPC...42..89F ADS
- Deluca, E. E. & Craig, I. J., "Magnetic Reconnection in Incompressible Fluids", 1992ApJ...390..679D ADS
- Fan, Y., Fisher, G. H., & Deluca, E. E., "On the Dynamics of Emerging Toroidal Magnetic Flux Tubes", 1992AAS...180.0502F ADS
- Deluca, E. E. & Fisher, G. H., "Fibril Dynamics and Fibril Dynamos", 1992AAS...180.0501D ADS
- Fisher, G. H., Deluca, E. E., & Patten, B. M., "Amplification of Fibril Magnetic Fields by Chaotic Flows", 1992ASPC...27..173F ADS
- Fisher, G. H., Deluca, E. E., & Patten, B. M., "Magnetic Flux Tubes in a 3D Chaotic Flow Field", 1992ASPC...26..240F ADS
- Werne, J., Deluca, E. E., Rosner, R., & Cattaneo, F., "Development of hard-turbulent convection in two dimensions: Numerical evidence", 1991PhRvL...67.3519W ADS
- Patten, B. M., Fisher, G. H., & Deluca, E. E., "A New Numerical Model of Thin Flux Tubes in Three Dimensions", 1991BAAS...23R1051P ADS
- Deluca, E. E. & Fisher, G. H., "On the Dissipation of Magnetic Fields in the Solar Convection Zone", 1991BAAS...23.1048D ADS
- Deluca, E. E. & Gilman, P. A., "The solar dynamo.", in Solar Interior and Atmosphere, 275-303 1991sia..book..275D ADS
- Deluca, E. E., Werne, J., Rosner, R., & Cattaneo, F., "Numerical simulations of soft and hard turbulence: Preliminary results for two-dimensional convection", 1990PhRvL...64.2370D ADS
- Deluca, E. E., "Solar Dynamo Theory: Current Problems and Future Prospects", 1990BAAS...22..890D ADS
- Deluca, E. E. & Gilman, P. A., "The Physics of an Interface Dynamo", 1989BAAS...21R.842D ADS
- Horner, S., Rosner, R., Deluca, E. E., & Jeffrey, W., "On the Two-Dimensional Inversion of Helioseismology Data to Obtain the Internal Rotation Curve of the Sun", 1989BAAS...21..842H ADS
- Gilman, P. A., Morrow, C. A., & Deluca, E. E., "Angular Momentum Transport and Dynamo Action in the Sun: Implications of Recent Oscillation Measurements", 1989ApJ...338..528G ADS
- Deluca, E. E., Griest, K., Rosner, R., & Wang, J.: 1989, On the effects of Cosmions upon the structure and evolution of very low mass stars 1989STIN...8920880D ADS
- Rosner, R. & Deluca, E., "On the Galactic Dynamo", 1989IAUS...136..319R ADS
- Morrow, C. A., Gilman, P. A., & Deluca, E. E., "Angular momentum transport and dynamo action in the Sun: a report on implications of a recent heliospheric estimate of solar rotation.", 1988ESASP.286..109M ADS
- Deluca, E., "Truncation Effects on a Nonlinear Solar Dynamo Model", 1988BAAS...20Q1009D ADS
- Gilman, P. A., Morrow, C. A., & Deluca, E. E., "Implications of Recent Estimates of Solar Interior Rotation for Angular Momentum Transport and Dynamo Action in the Sun", 1988BAAS...20..701G ADS
- Deluca, E. E. & Gilman, P. A., "Dynamo theory for the interface between the convection zone and the radiative interior of a star part", 1988GApFD...43..119D ADS
- Deluca, E. E. & Gilman, P. A., "Magnetic Field Generation in the Overshoot Region Beneath the Solar Convection Zone", 1987BAAS...19..945D ADS
- Deluca, E. E.: 1986, Dynamo theory for the interface between the convection zone and the radiative interior of a star 1986dtib.book....D ADS
- DeLuca, E. E.: 1986, "Dynamo theory for the interface between the convection zone and the radiative interior of a star", Ph.D. thesis, University of Colorado, Boulder 1986PhDT.....98D ADS
- Deluca, E. E.: 1986, "Dynamo Theory for the Interface Between the Convection Zone and the Radiative Interior of a Star.", Ph.D. thesis, National Center for Atmospheric Research, Colorado 1986PhDT.....4D ADS
- Deluca, E. E. & Gilman, P. A., "Dynamo Theory for a Thin Layer Between the Convection Zone and the Radiative Zone of a Star. Formulation and Preliminary Results", in M. Zeilik and D. M. Gibson (Eds.), Cool Stars, Stellar Systems and the Sun, Vol. 254, 173 1986LNP...254..173D ADS
- Gilman, P. A. & Deluca, E. E., "Dynamo Theory for the Sun and Stars", in M. Zeilik and D. M. Gibson (Eds.), Cool Stars, Stellar Systems and the Sun, Vol. 254, 163 1986LNP...254..163G ADS
- Deluca, E. E. & Gilman, P. A., "Dynamo theory for the interface between the convection zone and the radiative interior of a star: Part I model equations and exact solutions", 1986GApFD...37...85D ADS
- Worden, S. P., Schneeberger, T. J., Giampapa, M. S., Deluca, E. E., & Cram, L. E., "The response of chromospheric emission lines to flares on YZ Canis Minoris.", 1984ApJ...276..270W ADS
- Deluca, E. E. & Weis, E. W., "A search for red-dwarf members of the Coma star cluster.", 1981PASP...93...32D ADS
- Weis, E. W., Deluca, E. E., & Uggren, A. R., "Photometry of possible members of the Hyades cluster. III.", 1979PASP...91..766W ADS
- Worden, S. P., Schneeberger, T. J., Deluca, E., & Giampapa, M., "High Resolution Spectra of Stellar Flares", 1979BAAS...11..628W ADS
- Uggren, A. R., Weis, E. W., & Deluca, E. E., "Photometry of Praesepe in BVRI colors.", 1979AJ...84.1586U ADS
- Uggren, A. R., Weis, E. W., & Deluca, E. E., "The Distance to Praesepe from R-I Photometry", 1979BAAS...11..404U ADS