

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

- Asgari-Targhi, M., van Ballegooijen, A. A., & Davey, A. R., "Study of High-temperature Emission in Solar Active Regions", 2019ApJ...881..107A ADS
- Aschwanden, M. & van Ballegooijen, A. A., "The Minimum Energy Principle Applied to Parker's Coronal Braiding and Nanoflaring Scenario", 2018csc.confE..52A ADS
- Liu, T., Su, Y., Cheng, X., van Ballegooijen, A., & Ji, H., "Magnetic Field Modeling of Hot Channels in Four Flare/Coronal Mass Ejection Events", 2018ApJ...868..59L ADS
- van Ballegooijen, A. A., Asgari-Targhi, M., & Voss, A., "The Heating of Solar Coronal Loops by Alfvén Wave Turbulence", 2017ApJ...849..46V ADS
- Su, Y., Li, S., Zhou, T., et al., "High-resolution Observations of Sympathetic Filament Eruptions by NVST", 2017SPD...4810503S ADS
- Li, S., Su, Y., Zhou, T., et al., "High-resolution Observations of Sympathetic Filament Eruptions by NVST", 2017ApJ...844..70L ADS
- van Ballegooijen, A. A. & Asgari-Targhi, M., "Direct and Inverse Cascades in the Acceleration Region of the Fast Solar Wind", 2017ApJ...835..10V ADS
- Asgari-Targhi, M. & van Ballegooijen, A. A., "Reflection driven wave turbulence in an open field and the structure of solar wind", 2016AGUFM5H51B2595A ADS
- Asgari, M. & van Ballegooijen, A. A., "Modeling the heating and acceleration of the fast solar wind based on the Alfvén wave turbulence", 2016shin.confE..72A ADS
- van Ballegooijen, A. A. & Asgari-Targhi, M., "Heating and Acceleration of the Fast Solar Wind by Alfvén Wave Turbulence", 2016ApJ...821..106V ADS
- Su, Y., McCauley, P., van Ballegooijen, A., et al., "Investigation of Solar Eruptive Prominences", 2015IAUGA..2256101S ADS
- Su, Y., van Ballegooijen, A., McCauley, P., et al., "Magnetic Structure and Dynamics of the Erupting Solar Polar Crown Prominence on 2012 March 12", 2015ApJ...807..144S ADS
- Su, Y., McCauley, P., van Ballegooijen, A., et al., "Investigation on Eruptive Prominences Observed by SDO", 2015TESS...121203S ADS
- Chitta, L. P., Kariyappa, R., van Ballegooijen, 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
- Malanushenko, A., Schrijver, C. J., & Van Ballegooijen, A. A., "Forward Modeling of Coronal Emission", 2014AAS...22432102M ADS
- Su, Y., Van Ballegooijen, A. A., McCauley, P. I., et al., "Structure and Dynamics of One Polar Crown Prominence Eruption", 2014AAS...22421820S ADS
- Su, Y., Forland, B., Van Ballegooijen, A. A., Feng, L., & Ji, H., "Investigating a Complex X-class Solar Flare Using Magnetic Field Modeling", 2014AAS...22412329S ADS
- van Ballegooijen, A. A., Asgari-Targhi, M., & Berger, M. A., "On the Relationship Between Photospheric Footpoint Motions and Coronal Heating in Solar Active Regions", 2014ApJ...787..87V ADS
- Asgari-Targhi, M., van Ballegooijen, A. A., & Imada, S., "Comparison of Extreme Ultraviolet Imaging Spectrometer Observations of Solar Coronal Loops with Alfvén Wave Turbulence Models", 2014ApJ...786..28A ADS
- Su, Y., Reeves, K. K., McCauley, P., van Ballegooijen, A. A., & DeLuca, E. E., "Structure and Dynamics of an Eruptive Prominence on the Quiet Sun", 2014IAUS...300..460S ADS
- McCauley, P. I., Su, Y., DeLuca, E., & van Ballegooijen, A., "Column Density Measurements of a Prominence Observed by AIA", 2014IAUS...300..449M ADS
- van Ballegooijen, A. A. & Su, Y., "Structure and Topology of Magnetic Fields in Solar Prominences", 2014IAUS...300..127V ADS
- Kliem, B., Su, Y. N., van Ballegooijen, A. A., & DeLuca, E. E., "Magnetohydrodynamic Modeling of the Solar Eruption on 2010 April 8", 2013ApJ...779..129K ADS
- Meyer, K. A., Mackay, D. H., van Ballegooijen, A. A., & Parnell, C. E., "Solar Magnetic Carpet III: Coronal Modelling of Synthetic Magnetograms", 2013SoPh...286..357M ADS
- Asgari-Targhi, M., van Ballegooijen, A. A., Cranmer, S. R., & DeLuca, E. E., "The Spatial and Temporal Dependence of Coronal Heating by Alfvén Wave Turbulence", 2013ApJ...773..111A ADS
- Asgari-Targhi, M., Van Ballegooijen, A. A., Cranmer, S. R., & DeLuca, E. E., "The Spatial and Temporal Dependence of Coronal Heating by Alfvén Wave Turbulence", 2013SPD...4430501A ADS
- Meyer, K., Mackay, D., van Ballegooijen, A., & Parnell, C., "A Non-Linear Force-Free Field Model for the Solar Magnetic Carpet", 2013SPD...4430201M ADS
- Su, Y., Van Ballegooijen, 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 Ballegooijen, A. A., "An MHD Model of a Solar Eruption Starting from NLFFF Initial Conditions", 2013SPD...4410301D ADS
- Strachan, L., van Ballegooijen, A., SOHO/UVCS, SOHO/LASCO, & Peak, N., "The relationship between magnetic field expansion factors and solar wind parameters in the corona", 2013SPD...44..33S ADS
- Lu, M., Pasachoff, J. M., Su, Y., et al., "Observations and Modeling of Solar Coronal Structures Using High-Resolution Eclipse Images and Space-based Telescopes with Wide Field of View", 2013SPD...44..25L ADS
- Su, Y., Kliem, B., van Ballegooijen, A., & DeLuca, E., "Numerical simulations of the CME on 2010 April 8", 2013IAUS...294..575S ADS
- Savcheva, A. S., Pariat, E., van Ballegooijen, A., et al., "A Topological View at CME/flare Features with Application to 3D Reconnection", 2013shin.confE.143S ADS
- Meyer, K. A., Sabol, J., Mackay, D. H., & van Ballegooijen, A. A., "The Storage and Dissipation of Magnetic Energy in the Quiet Sun Corona Determined from SDO/HMI Magnetograms", 2013ApJ...770L..18M ADS
- Jardine, M., Vidotto, A. A., van Ballegooijen, A., et al., "Influence of surface stressing on stellar coronae and winds", 2013MNRAS.431..528J ADS
- Chitta, L. P., Kariyappa, R., van Ballegooijen, 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
- Cranmer, S. R., van Ballegooijen, A. A., & Woolsey, L. N., "Connecting the Sun's High-resolution Magnetic Carpet to the Turbulent Heliosphere", 2013ApJ...767..125C ADS
- Hillier, A. & van Ballegooijen, A., "On the Support of Solar Prominence Material by the Dips of a Coronal Flux Tube", 2013ApJ...766..126H ADS
- Su, Y. & van Ballegooijen, A., "Rotating Motions and Modeling of the Erupting Solar Polar-crown Prominence on 2010 December 6", 2013ApJ...764..91S ADS
- Asgari-Targhi, M. & van Ballegooijen, A. A., "Alfvén Waves and the Heating of Solar Coronal Loops", 2013ASPC...470..77A ADS
- Cranmer, S. R., Van Ballegooijen, A. A., & Woolsey, L. N., "New Models of Solar Wind Acceleration and Stream Interactions in the Sun's Topologically Complex Magnetic Field", 2012AGUFM5H53A2266C ADS
- Kliem, B., Su, Y., Van Ballegooijen, A. A., & DeLuca, E., "MHD Modeling of the Solar Eruption on 2010 April 8", 2012AGUFM5H51A2194K ADS
- Yoritomo, J. Y. & Van Ballegooijen, A. A., "Relating Alfvén Wave Heating Model to Observations of a Solar Active Region", 2012AGUFM5H33B2228Y ADS
- Asgari-targhi, M., Van Ballegooijen, A. A., Cranmer, S. R., & DeLuca, E. E., "The Spatial Dependence of Coronal Heating by Alfvén Wave Turbulence", 2012AGUFM5H31B..05A ADS
- Savcheva, A. S., Green, L. M., van Ballegooijen, A. A., & DeLuca, E. E., "Photospheric Flux Cancellation and the Build-up of Sigmoidal Flux Ropes on the Sun", 2012ApJ...759..105S ADS
- Su, Y. & van Ballegooijen, A., "Observations and Magnetic Field Modeling of a Solar Polar Crown Prominence", 2012ApJ...757..168S ADS
- Cranmer, S. R. & van Ballegooijen, A. A., "Proton, Electron, and Ion Heating in the Fast Solar Wind from Nonlinear Coupling between Alfvénic and Fast-mode Turbulence", 2012ApJ...754..92C ADS
- Su, Y., van Ballegooijen, A., & Golub, L., "Asymmetric Structure of Quiescent Filament Channels Observed by Hinode/XRT and STEREO/EUVF", 2012ASPC...454..113S ADS
- Pariat, E., DeLuca, E., Van Ballegooijen, 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
- Savcheva, A. S., Green, L., van Ballegooijen, A., & DeLuca, E., "Photospheric flux cancellation and the build-up of sigmoidal flux ropes", 2012shin.confE.122S ADS
- Chitta, L. P., van Ballegooijen, 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
- Meyer, K. A., Mackay, D. H., & van Ballegooijen, A. A., "Solar Magnetic Carpet II: Coronal Interactions of Small-Scale Magnetic Fields", 2012SoPh...278..149M ADS
- Murphy, N. A., Miralles, M. P., Pope, C. L., et al., "Asymmetric Magnetic Reconnection in Solar Flare and Coronal Mass Ejection Current Sheets", 2012ApJ...751..56M ADS
- Savcheva, A., Pariat, E., van Ballegooijen, 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
- Su, Y., Lu, M., & van Ballegooijen, A., "Structure and Dynamics of Quiescent Prominence Eruptions", 2012ASPC...456..165S ADS

- Savcheva, A., van Ballegooijen, A., & DeLuca, E. E., "Applications of Quasi-Separatrix Layer Maps in Understanding an XRT Sigmoid", 2012ASPC...455...261S ADS
- Savcheva, A., Green, L., van Ballegooijen, A., & DeLuca, E., "The Effect of Flux Cancellation on Building Sigmoidal Flux Ropes", 2012AAS...22041105S ADS
- Su, Y. & van Ballegooijen, A., "Observations and Magnetic Field Modeling of a Large Polar Crown Prominence", 2012AAS...22031004S ADS
- Chitta, L. P., van Ballegooijen, 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 Ballegooijen, A., et al., "Topological Tools For The Analysis Of Active Region Filament Stability", 2012AAS...22020207D ADS
- DeLuca, E. E., Savcheva, A., van Ballegooijen, A., et al., "Topological tools for the analysis of active region filament stability", 2012decs.confE...64D ADS
- van Ballegooijen, A. A., "The role of magnetic braiding and MHD wave dynamics in the heating of the Sun's outer atmosphere", 2012decs.confE...34V ADS
- Asgari-Targhi, M. & van Ballegooijen, A. A., "Model for Alfvén Wave Turbulence in Solar Coronal Loops: Heating Rate Profiles and Temperature Fluctuations", 2012ApJ...746...81A ADS
- Savcheva, A. S., van Ballegooijen, A. A., & DeLuca, E. E., "Field Topology Analysis of a Long-lasting Coronal Sigmoid", 2012ApJ...744...78S ADS
- Asgari-targhi, M. & Van Ballegooijen, A. A., "Coronal Heating of an Active Region Observed by the Solar Dynamics Observatory", 2011AGUFM43B1943A ADS
- Cranmer, S. R., Chandran, B. D., & Van Ballegooijen, A. A., "Tools for Predicting the Rates of Turbulent Heating for Protons, Electrons, and Heavy Ions in the Solar Wind", 2011AGUFM41C...04C ADS
- Meyer, K. A., Mackay, D. H., van Ballegooijen, A. A., & Parnell, C. E., "Solar Magnetic Carpet I: Simulation of Synthetic Magnetograms", 2011SoPh...272...29M ADS
- van Ballegooijen, 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 Ballegooijen, 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
- Raymond, J. C., Janzen, P. H., Kohl, J. L., et al., "The Coronal Physics Investigator (CPI) Experiment For Iss: A New Vision For Understanding Solar Wind Acceleration", 2011SPD...42.2406R ADS
- Malanushenko, A., Schrijver, C., DeRosa, M., et al., "Simulating Coronal Emission in Six AIA Channels Using Quasi-Static Atmosphere Models and Non-Linear Magnetic Field Models", 2011SPD...42.2116M ADS
- Savcheva, A., Green, L., DeLuca, E., & van Ballegooijen, A., "Photospheric Flux Cancellation and the Build-up of Sigmoidal Flux Ropes", 2011SPD...42.1806S ADS
- Kohl, J. L., Cranmer, S. R., Raymond, J. C., et al., "The Coronal Physics Investigator (CPI) Experiment for ISS: A New Vision for Understanding Solar Wind Acceleration", 2011arXiv1104.3817K ADS
- Mackay, D. H., Green, L. M., & van Ballegooijen, A., "Modeling the Dispersal of an Active Region: Quantifying Energy Input into the Corona", 2011ApJ...729...97M ADS
- van Ballegooijen, A. A., "Review of Models for Solar Prominences and Coronal Cavities (Invited)", 2010AGUFM54A...02V ADS
- Cranmer, S. R., Hollweg, J. V., Chandran, B. D., & van Ballegooijen, A. A., "Recent Successes of Wave/Turbulence Driven Models of Solar Wind Acceleration", 2010AGUFM54B1786C 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", 2010AGUFM53C1802V ADS
- Su, Y., Surges, V., & van Ballegooijen, A. A., "Observations and Magnetic Field Modeling of the Flare/CME Event on 2010 April 8", 2010AGUFM51A1613S ADS
- Cranmer, S. R., Kohl, J. L., Alexander, D., et al., "Ultraviolet Coronagraph Spectroscopy: A Key Capability for Understanding the Physics of Solar Wind Acceleration", 2010arXiv1011.2469C ADS
- Yeates, A. R., Mackay, D. H., van Ballegooijen, A. A., & Constable, J. A., "A nonpotential model for the Sun's open magnetic flux", 2010JGRA...115.9112Y ADS
- Su, Y., van Ballegooijen, A., & Golub, L., "Structure and Dynamics of Quiescent Filament Channels Observed by Hinode/XRT and STEREO/EUVF", 2010ApJ...721...901S ADS
- Cranmer, S. R. & van Ballegooijen, A. A., "Can the Solar Wind be Driven by Magnetic Reconnection in the Sun's Magnetic Carpet?", 2010ApJ...720...824C ADS
- Su, Y., van Ballegooijen, A., Schmieder, B., et al., "Flare Energy Build-Up in a Decaying Active Region Near a Coronal Hole", 2010shin.confE.131S ADS
- Su, Y., van Ballegooijen, A., & Golub, L., "Structure and Dynamics of Quiescent Filament Channels Observed by Hinode/XRT and STEREO/EUVF", 2010shin.confE...83S ADS
- Cranmer, S. R. & van Ballegooijen, A. A., "Connections Between the Magnetic Carpet and the Unbalanced Corona: New Monte Carlo Models", 2010shin.confE...2C ADS
- Cranmer, S. R., Kohl, J. L., Miralles, M. P., & van Ballegooijen, A. A., "Extended Coronal Heating and Solar Wind Acceleration over the Solar Cycle", 2010ASPC...428...209C 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
- Su, Y., van Ballegooijen, A., & Golub, L., "Asymmetric Structure of Quiescent Filament Channels Observed by Hinode/XRT and STEREO/EUVF", 2010AAS...21640513S ADS
- van Ballegooijen, A. A. & Cranmer, S. R., "Tangled Magnetic Fields in Solar Prominences", 2010ApJ...711...164V ADS
- Yeates, A. R., Attrill, G. D. R., Nandy, D., et al., "Comparison of a Global Magnetic Evolution Model with Observations of Coronal Mass Ejections", 2010ApJ...709.1238Y 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
- Mackay, D. H. & van Ballegooijen, A. A., "A Non-Linear Force-Free Field Model for the Evolving Magnetic Structure of Solar Filaments", 2009SoPh...260...321M ADS
- Golub, L., Engell, A. J., van Ballegooijen, A. A., Korreck, K. E., & Reeves, K. K., "Modeling Twisted Coronal Loops: AR 10938", 2009ASPC...415...268G ADS
- Murphy, N. A., Raymond, J. C., Korreck, K. E., & van Ballegooijen, A. A., "Plasma Heating Rates for a Coronal Mass Ejection on 28 June 2000", 2009AGUFM54B1667M ADS
- Su, Y., van Ballegooijen, A., Schmieder, B., et al., "Flare Energy Build-up in a Decaying Active Region Near a Coronal Hole", 2009ApJ...704...341S ADS
- Savcheva, A. & van Ballegooijen, A., "Nonlinear Force-free Modeling of a Long-lasting Coronal Sigmoid", 2009ApJ...703.1766S ADS
- Yeates, A. R., Mackay, D. H., & van Ballegooijen, A. A., "Non-potential Enhancement of the Sun's Open Magnetic Flux", 2009shin.confE.182Y ADS
- van Ballegooijen, A., "Radiative Transfer in the Presence of Strong Magnetic Fields", in Numerical Radiative Transfer, 279 2009nrt...book...279V ADS
- Yeates, A. R., Mackay, D. H., & van Ballegooijen, A. A., "A Global Magnetic Field Evolution Model for the Solar Corona", 2009SPD...40.3708Y ADS
- Su, Y., van Ballegooijen, A., Schmieder, B., et al., "Magnetic Non-potentiality Accumulation Prior to a "Large" B1.7 Two-Ribbon Flare", 2009SPD...40.2002S ADS
- Su, Y., van Ballegooijen, A., & Golub, L., "Observations Of Filament Channels By Hinode/XRT And STEREO/EUVF", 2009SPD...40.1013S ADS
- Li, J., van Ballegooijen, A. A., & Mickey, D., "Vector Magnetic Fields and Electric Currents From the Imaging Vector Magnetograph", 2009ApJ...692.1543L ADS
- Yeates, A. R., Mackay, D. H., & van Ballegooijen, A. A., "Evolution of Current Helicity in Full-Sun Simulations", 2009AIPC.1094...72Y ADS
- Yeates, A. R., Mackay, D. H., & van Ballegooijen, A. A., "A Prominence Puzzle Explained?", 2009AIPC.1094...216Y 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
- 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", 2008AGUFM51A...04R ADS
- van Ballegooijen, A. A. & Cranmer, S. R., "Hyperdiffusion as a Mechanism for Solar Coronal Heating", 2008ApJ...682...644V ADS
- Yeates, A. R., Mackay, D. H., & van Ballegooijen, A. A., "Evolution and Distribution of Current Helicity in Full-Sun Simulations", 2008ApJ...680L.165Y ADS
- Hasan, S. S. & van Ballegooijen, A. A., "Dynamics of the Solar Magnetic Network. II. Heating the Magnetized Chromosphere", 2008ApJ...680.1542H ADS
- Drake, J. J., Chung, S. M., Kashyap, V., et al., "X-Ray Spectroscopic Signatures of the Extended Corona of FK Comae", 2008ApJ...679.1522D ADS
- Hasan, S. S., van Ballegooijen, A., & Steiner, O., "Wave propagation in multiple flux tubes and chromospheric heating", 2008IAUS...247...82H ADS

- Hasan, S. S., Steiner, O., & van Ballegoijen, A., “*Inferring the chromospheric magnetic topology through waves*”, 2008IAUS...247...78H ADS
- Su, Y., van Ballegoijen, A., Golub, L., & Deluca, E., “*Observations and NLFFF Modeling of Active Region 10953*”, 2008AGUSMSP43C...07S ADS
- Savcheva, A. S., Archontis, V., & van Ballegoijen, A., “*NLFF Model of a Coronal Sigmoid*”, 2008AGUSMSP31A...05S ADS
- Metcalfe, T. R., De Rosa, M. L., Schrijver, C. J., et al., “*Nonlinear Force-Free Modeling of Coronal Magnetic Fields. II. Modeling a Filament Arcade and Simulated Chromospheric and Photospheric Vector Fields*”, 2008SoPh...247...269M ADS
- Su, Y., van Ballegoijen, A., Golub, L., & Deluca, E., “*Observations and NLFFF modeling of active region 10953*”, 2008cosp...37.3075S ADS
- Deluca, E., van Ballegoijen, A., & Harvey, J., “*Magnetic Evolution of X-Ray Bright Points*”, 2008cosp...37...690D ADS
- Yeates, A. R., Mackay, D. H., & van Ballegoijen, A. A., “*Modelling the Global Solar Corona II: Coronal Evolution and Filament Chirality Comparison*”, 2008SoPh...247...103Y ADS
- Bobra, M. G., van Ballegoijen, A. A., & DeLuca, E. E., “*Modeling Nonpotential Magnetic Fields in Solar Active Regions*”, 2008ApJ...672.1209B ADS
- van Ballegoijen, A. A., “*Life and Death of Solar Active Regions*”, 2008ASPC...383...191V 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 Ballegoijen, A. A., Harvey, J. W., & Henney, C. J., “*The Magnetic Structure of X-Ray Bright Points*”, 2007AGUFM5H3A1058D ADS
- Strachan, L., Zurbuchen, T. H., Kohl, J. L., et al., “*Assessment and Validation of MHD Models for the Solar Corona and Inner Heliosphere*”, 2007AGUFM5H3A10238S ADS
- Su, Y., Golub, L., van Ballegoijen, A., et al., “*Evolution of the Sheared Magnetic Fields of Two X-Class Flares Observed by Hinode/XRT*”, 2007PASJ...59S.785S ADS
- Yeates, A. R., Mackay, D. H., & van Ballegoijen, A. A., “*Modelling the Global Solar Corona: Filament Chirality Observations and Surface Simulations*”, 2007SoPh...245...87Y ADS
- Cranmer, S. R., van Ballegoijen, A. A., & Edgar, R. J., “*Self-consistent Coronal Heating and Solar Wind Acceleration from Anisotropic Magnetohydrodynamic Turbulence*”, 2007ApJS...171...520C ADS
- Su, Y., Van Ballegoijen, A., McCaughey, J., et al., “*What Determines the Intensity of Solar Flare/CME Events?*”, 2007ApJ...665.1448S ADS
- Mackay, D. H. & van Ballegoijen, A. A., “*Modeling the Hemispheric Pattern of Solar Filaments*”, 2007ASPC...368...343M ADS
- Mackay, D. H. & van Ballegoijen, A. A., “*Models of the Large-Scale Corona: Formation, Evolution and Lift-Off of Magnetic Flux Ropes*”, 2007ASPC...368...251M ADS
- Lundquist, L. L., van Ballegoijen, A. A., Reeves, K. K., et al., “*Structure and Coronal Activity around Filament Channels Observed with Hinode XRT And TRACE*”, 2007AAS...210.9427L ADS
- Bobra, M., van Ballegoijen, A. A., & DeLuca, E. E., “*Modeling Non-Potential Magnetic Fields in Solar Active Regions*”, 2007AAS...210.9103B ADS
- Metcalfe, T. R., De Rosa, M. L., Schrijver, C. J., et al., “*Non-linear Force-free Modeling Of Coronal Magnetic Fields*”, 2007AAS...210.9102M ADS
- Su, Y., Golub, L., Van Ballegoijen, A., et al., “*Magnetic Shear in Two-ribbon Solar Flares*”, 2007AAS...210.3702S ADS
- Li, J., van Ballegoijen, A., & Mickey, D., “*Data Analysis with Imaging Vector Magnetograph (IVM)*”, 2007AAS...210.2407L ADS
- van Ballegoijen, A. A. & Mackay, D. H., “*Model for the Coupled Evolution of Subsurface and Coronal Magnetic Fields in Solar Active Regions*”, 2007ApJ...659.1713V 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
- Su, Y., Golub, L., & Van Ballegoijen, A. A., “*A Statistical Study of Shear Motion of the Footpoints in Two-Ribbon Flares*”, 2007ApJ...655...606S ADS
- Sandell, J., Kashyap, V., Weber, M., et al., “*Coronal Loop Recognition: A Diagnostic Tool for Magnetic Field Extrapolation Models*”, 2006AAS...209.1604S ADS
- Su, Y. N., Golub, L., Van Ballegoijen, A. A., & Gros, M., “*Analysis of Magnetic Shear in An X17 Solar Flare on October 28, 2003*”, 2006SoPh...236...325S ADS
- Su, Y., Golub, L., & Van Ballegoijen, A., “*Magnetic Shear Change in Solar Flares*”, 2006SPD...37.0827S ADS
- Lin, J., Li, J., Forbes, T. G., et al., “*Investigations of the Reconnecting Current Sheets in Solar Eruptions*”, 2006SPD...37.0826L ADS
- Bobra, M., DeLuca, E. E., & Van Ballegoijen, A. A., “*Modeling Non-Potential Fields in Solar Active Regions*”, 2006SPD...37.0112B ADS
- DeLuca, E. E., van Ballegoijen, A., & Bobra, M., “*The Non-Potential Structure of Solar Active Regions*”, 2006AAS...208.6508D ADS
- Mackay, D. H. & van Ballegoijen, A. A., “*Models of the Large-Scale Corona. II. Magnetic Connectivity and Open Flux Variation*”, 2006ApJ...642.1193M ADS
- Mackay, D. H. & van Ballegoijen, A. A., “*Models of the Large-Scale Corona. I. Formation, Evolution, and Liftoff of Magnetic Flux Ropes*”, 2006ApJ...641...577M ADS
- Lin, J., Li, J., Forbes, T. G., et al., “*Properties of the Post-CME Current Sheets in Solar Eruptions*”, 2006cosp...36...198L ADS
- Su, Y. N., Golub, L., van Ballegoijen, A. A., & Huang, G. L., “*A statistical study of shear motion of EUV footpoints in two-ribbon flares*”, 2006IAUS...233...409S ADS
- Hasan, S. S., Vigeesh, G., & van Ballegoijen, A. A., “*Wave Propagation in the Magnetic Network on the Sun*”, 2006IAUS...233...116H ADS
- Strachan, L., Kohl, J. L., Cranmer, S. R., et al., “*A Solar Energetic Particle Mission (SEPM) for the S3C Great Observatory*”, 2005AGUFM5H31C1221S ADS
- Su, Y., Golub, L., van Ballegoijen, A., & Gros, M., “*Analysis of EUV Brightenings of Solar Flares*”, 2005AGUFM5H13A0272S ADS
- Hasan, S. S., van Ballegoijen, A. A., Kalkofen, W., & Steiner, O., “*Dynamics of the Solar Magnetic Network: Two-dimensional MHD Simulations*”, 2005ApJ...631.1270H ADS
- Schrijver, C. J. & van Ballegoijen, A. A., “*Is the Quiet-Sun Corona a Quasi-steady, Force-free Environment?*”, 2005ApJ...630...552S ADS
- Jardine, M. & van Ballegoijen, A. A., “*Slingshot prominences above stellar X-ray coronae*”, 2005MNRAS...361.1173J ADS
- Lin, J. & van Ballegoijen, A. A., “*Equilibrium and Evolution in Multipolar Magnetic Configurations Resulting from Interactions among Active Regions*”, 2005ApJ...629...582L ADS
- Lin, J., Li, J., Forbes, T. G., et al., “*Magnetic Reconnection and the Deduced Properties of Plasma inside the CME/Flare Current Sheet*”, 2005AGUSM5H51A...04L ADS
- Cranmer, S. R. & van Ballegoijen, A. A., “*Towards a Universal Physics-based “Coronal Heating Function” for Electrons, Protons, and Heavy Ions in the Accelerating Solar Wind*”, 2005AGUSM5H51A...03C ADS
- Hussain, G. A. J., Brickhouse, N. S., Dupree, A. K., et al., “*Inferring coronal structure using X-ray spectra: a Chandra study of AB Dor*”, 2005ESASP...560...665H ADS
- Mackay, D. H. & van Ballegoijen, A. A., “*New Results in Modeling the Hemispheric Pattern of Solar Filaments*”, 2005ApJ...621...77M ADS
- Hussain, G. A. J., Brickhouse, N. S., Dupree, A. K., et al., “*Inferring Coronal Structure from X-Ray Light Curves and Doppler Shifts: A Chandra Study of AB Doradus*”, 2005ApJ...621...999H ADS
- Cranmer, S. R. & van Ballegoijen, A. A., “*On the Generation, Propagation, and Reflection of Alfvén Waves from the Solar Photosphere to the Distant Heliosphere*”, 2005ApJS...156...265C ADS
- Lin, J. & van Ballegoijen, A. A., “*Magnetic Structure Equilibria and Evolutions due to Active Region Interactions*”, 2005IAUS...226...257L ADS
- Suleiman, R. M., Crooker, N. U., Raymond, J. C., & van Ballegoijen, A., “*UVCS Observations of a Helical CME Structure*”, 2005IAUS...226...71S ADS
- van Ballegoijen, A. A., “*Observations and Modeling of a Filament on the Sun*”, 2004ApJ...612...519V ADS
- Cranmer, S. R. & van Ballegoijen, A. A., “*An Overview of Alfvén Wave Generation, Reflection, and Damping from the Solar Photosphere to the Distant Heliosphere*”, 2004AAS...204.0401C ADS
- Lin, J., Raymond, J. C., & van Ballegoijen, A. A., “*The Role of Magnetic Reconnection in the Observable Features of Solar Eruptions*”, 2004ApJ...602...422L ADS
- Hussain, G. A. J., Brickhouse, N., Dupree, A. K., et al., “*Using Chandra/LETG Spectra to Probe Stellar Coronae*”, 2004IAUS...219...301H ADS
- Vásquez, A. M., van Ballegoijen, A. A., & Raymond, J. C., “*The Effect of Proton Temperature Anisotropy on the Solar Minimum Corona and Wind*”, 2003ApJ...598.1361V ADS
- Lin, J., Raymond, J. C., & van Ballegoijen, A. A., “*Evolution of Morphological Features of CMEs Deduced from Catastrophe Model of Solar Eruptions*”, 2003AGUFM5H22B...04L ADS
- van Ballegoijen, A. A., “*Magnetic Configuration in Low Solar Atmosphere Prior to Eruptions*”, 2003AGUFM5H21C...01V ADS
- Cranmer, S. R. & van Ballegoijen, A., “*Non-WKB Alfvén Wave Reflection from the Solar Photosphere to the Distant Heliosphere*”, 2003AGUFM5H21B0115C ADS
- Ciaravella, A., Raymond, J. C., van Ballegoijen, A., et al., “*Physical Parameters of the 2000 February 11 Coronal Mass Ejection: Ultraviolet Spectra versus White-Light Images*”, 2003ApJ...597.1118C ADS
- Hussain, G. A. J., van Ballegoijen, A. A., Jardine, M., & Collier Cameron, A., “*Modeling the Corona of AB Doradus*”, 2003ccss...12...50H ADS
- Cranmer, S. R. & van Ballegoijen, A. A., “*Alfvénic Turbulence in the Extended Solar Corona: Kinetic Effects and Proton Heating*”, 2003ApJ...594...573C 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
- Nisenson, P., van Ballegoijen, A. A., de Wijn, A. G., & Sütterlin, P., "Motions of Isolated G-Band Bright Points in the Solar Photosphere", 2003ApJ...587..458N ADS
- Hasan, S. S., Kalkofen, W., van Ballegoijen, A. A., & Ulmschneider, P., "Kink and Longitudinal Oscillations in the Magnetic Network on the Sun: Nonlinear Effects and Mode Transformation", 2003ApJ...585.1138H ADS
- van Ballegoijen, A. A. & Hasan, S. S., "Physics of Photospheric Magnetic Field (Invited review)", 2003ASPC...286...155V ADS
- Lin, J., van Ballegoijen, A. A., & Forbes, T. G., "Evolution of a semicircular flux rope with two ends anchored in the photosphere", 2002JGRA...107.1438L ADS
- Hussain, G. A. J., van Ballegoijen, A. A., Jardine, M., & Collier Cameron, A., "Modeling the corona of AB Doradus", 2002ASPC...277..409H ADS
- Kohl, J., Howard, R., Davila, J., et al., "The Advanced Spectroscopic and Coronagraphic Explorer (ASCE) Mission Concept Study", 2002AGUFM52A0463K ADS
- Cranmer, S. R. & van Ballegoijen, A. A., "Proton Heating in the Extended Solar Corona Resulting From Kinetic Alfvén Turbulence", 2002AGUFM12A0407C ADS
- Longcope, D. W. & Van Ballegoijen, A. A., "A Three-dimensional Dynamical Model of Current Sheet Formation in a Coronal Loop", 2002ApJ...578..573L ADS
- Lin, J. & van Ballegoijen, A. A., "Catastrophic and Noncatastrophic Mechanisms for Coronal Mass Ejections", 2002ApJ...576..485L ADS
- Hussain, G. A. J., van Ballegoijen, A. A., Jardine, M., & Collier Cameron, A., "The Coronal Topology of the Rapidly Rotating K0 Dwarf AB Doradus. I. Using Surface Magnetic Field Maps to Model the Structure of the Stellar Corona", 2002ApJ...575.1078H ADS
- Dikpati, M. & van Ballegoijen, A. A., "Effects Of Turbulent Pumping In Flux-transport Dynamos", 2002AAS...200.8907D ADS
- Hussain, G. A. J. & van Ballegoijen, A. A., "Heating AB Dor's corona: discriminating between different loop models", 2002AAS...200.6104H ADS
- van Ballegoijen, A. A. & Nisenson, P., "High-Resolution Imaging of the Solar Photosphere Using Simultaneous G-Band and Continuum Observations", 2002AAS...200.3801V ADS
- Raymond, J. C., Ciaravella, A., & van Ballegoijen, A. A., "Halo CMEs in the Ultraviolet", 2002AAS...200.3707R ADS
- Lin, J. & van Ballegoijen, A. A., "Analytical Investigation of 3D Model for Coronal Mass Ejections", 2002AAS...200.2906L 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
- Winebarger, A. R., Warren, H., van Ballegoijen, A., DeLuca, E. E., & Golub, L., "Steady Flows Detected in Extreme-Ultraviolet Loops", 2002ApJ...567L..89W ADS
- Vásquez, A. M., van Ballegoijen, A. A., & Raymond, J. C., "a Semi-empirical Model for the Large-Scale Minimum Activity Solar Corona", 2002RMxAC...14..108V ADS
- Kohl, J. L., Howard, R., Davila, J., et al., "The Advanced Spectroscopic and Coronagraphic Explorer Mission", 2001AGUFM31B0711K ADS
- Lin, J. & Van Ballegoijen, A. A., "Magnetic Interface in Coronal Magnetic Field and Solar Activities", 2001AGUFM12B0754L ADS
- Mackay, D. H. & van Ballegoijen, A. A., "A Possible Solar Cycle Dependence to the Hemispheric Pattern of Filament Magnetic Fields?", 2001ApJ...560..445M ADS
- Kalkofen, W., Warren, H. P., Winebarger, A. R., van Ballegoijen, A., & Avrett, E. H., "Intensity Fluctuations in the Solar Chromosphere", 2001AGUSM...SP41C05K ADS
- Ciaravella, A., Raymond, J. C., & van ballegoijen, A., "Analysis and Modeling of the UV Spectra of the Feb. 12, 2000 Flux Rope CME.", 2001AGUSM...SH51B01C ADS
- Hussain, G. A. J., van Ballegoijen, A. A., & Jardine, M., "Modelling the Coronal Topology of Late-Type Stars", 2001ASPC...248..263H ADS
- van Ballegoijen, A. A. & Mackay, D. H., "Theory of Solar Chromospheric and Coronal Magnetic Fields", 2001ASPC...248..105V ADS
- van Ballegoijen, A. A., "Three-Dimensional Modeling of Coronal Magnetic Fields", 2001ASPC...236..235V ADS
- van Ballegoijen, A. A., "Workshop Summary", 2001ASPC...236...1V ADS
- Mackay, D. H., Gaizauskas, V., & van Ballegoijen, A. A., "Comparison of Theory and Observations of the Chirality of Filaments within a Dispersing Activity Complex", 2000ApJ...544.1122M ADS
- van Ballegoijen, A. A., Priest, E. R., & Mackay, D. H., "Mean Field Model for the Formation of Filament Channels on the Sun", 2000ApJ...539..983V ADS
- Ciaravella, A., Raymond, J. C., van Ballegoijen, A., et al., "New Insights on CMEs from Spectroscopic observations of UltraViolet Coronagraph Spectrometer", 2000SPD...31.0277C ADS
- Hasan, S. S., Kalkofen, W., & van Ballegoijen, A. A., "Excitation of Oscillations in the Magnetic Network on the Sun", 2000ApJ...535L..67H ADS
- Ciaravella, A., Raymond, J. C., Thompson, B. J., et al., "Solar and Heliospheric Observatory Observations of a Helical Coronal Mass Ejection", 2000ApJ...529..575C ADS
- Mackay, D. H., Gaizauskas, V., & van Ballegoijen, A. A., "On the Comparison of Filament Chirality and Axial Magnetic Fields Deduced from a Flux Transport Model", 1999ESASP.448..507M ADS
- Vásquez, A. M., van Ballegoijen, A. A., & Raymond, J. C., "Model of solar wind flow near an equatorial coronal streamer", 1999AIPC...471..243V ADS
- van Ballegoijen, A. A. & Deluca, E. E., "TRACE and SVST Observations of an Active-Region Filament", 1999AAS...194.7806V ADS
- Raymond, J. C., Ciaravella, A., van Ballegoijen, A., & Thompson, B., "SOHO Observations of a Helical Coronal Mass Ejection", 1999AAS...194.1701R ADS
- Vásquez, A. M., Raymond, J. C., & van Ballegoijen, A. A., "UVCS Observations and Modeling of Streamers", 1999SSRv...87..335V ADS
- van Ballegoijen, A. A., "Photospheric Motions as a Source of Twist in Coronal Magnetic Fields", 1999GMS...111..213V ADS
- van Ballegoijen, A. A. & Nisenson, P., "Dynamics of Magnetic Elements in the Photosphere and the Formation of Spicules", 1999ASPC...183...30V ADS
- van Ballegoijen, A. A., Nisenson, P., Noyes, R. W., et al., "Dynamics of Magnetic Flux Elements in the Solar Photosphere", 1998ApJ...509..435V ADS
- van Ballegoijen, A. A., Cartledge, N. P., & Priest, E. R., "Magnetic Flux Transport and the Formation of Filament Channels on the Sun", 1998ApJ...501..866V ADS
- Mackay, D. H., Priest, E. R., Gaizauskas, V., & van Ballegoijen, A. A., "Role of Helicity in the Formation of Intermediate Filaments", 1998SoPh...180..299M ADS
- Noyes, R. W., Avrett, E., Nisenson, P., Uitenbroek, H., & van Ballegoijen, A.: 1998, *Study of Magnetic Structure in the Solar Photosphere and Chromosphere*, Technical Report, NASA/CR-1998-207989; NAS 1.26:207989 1998nasa.reptv...N ADS
- van Ballegoijen, A. A., "Dynamics of Magnetic Flux Elements in the Solar Photosphere", 1998EOSTr...79..282V ADS
- Hasan, S. S. & van Ballegoijen, A. A., "Why Does the Sun Have Kilogauss Magnetic Fields?", 1998ASPC...154..630H ADS
- van Ballegoijen, A. A., Cartledge, N. P., & Priest, E. R., "Magnetic Flux Transport and Formation of Filament Channels", 1998ASPC...150..265V ADS
- van Ballegoijen, A. A., "Understanding the Solar Cycle", 1998ASPC...140...17V ADS
- Raymond, J. C., Suleiman, R. M., van Ballegoijen, A. A., & Kohl, J. L., "Absolute Abundances in Streamers from UVCS", 1997ESASP.415..383R ADS
- Schrijver, C. J., Title, A. M., van Ballegoijen, A. A., Hagenaar, H. J., & Shine, R. A., "Sustaining the Quiet Photospheric Network: The Balance of Flux Emergence, Fragmentation, Merging, and Cancellation", 1997ApJ...487..424S ADS
- Title, A. M., Schrijver, C. J., van Ballegoijen, A. A., Hagenaar, H. J., & Shine, R. A., "The dynamic nature of the supergranular network", 1997SPD...28.0242T ADS
- van Ballegoijen, A. A., "Mean-Field Electrodynamics of the Solar Corona", 1997SPD...28.0234V ADS
- Antonucci, E., Noci, G., Kohl, J. L., et al., "First Results from UVCS: Dynamics of the Extended Corona", 1997ASPC...118..273A ADS
- van Ballegoijen, A. A., "Dynamics of Solar Magnetic Fields: Theoretical Aspects", 1996AAS...188.3303V ADS
- Priest, E. R., van Ballegoijen, A. A., & Mackay, D. H., "A Model for Dextral and Sinistral Prominences", 1996ApJ...460..530P ADS
- Anderson, S. W., Raymond, J. C., & van Ballegoijen, A., "Ultraviolet Emission-Line Intensities and Coronal Heating by Velocity Filtration: Collisionless Results", 1996ApJ...457..939A ADS
- Kohl, J. L., Esser, R., Gardner, L. D., et al., "The Ultraviolet Coronagraph Spectrometer for the Solar and Heliospheric Observatory", 1995SoPh...162..313K ADS
- Kohl, J. L., Esser, R., Gardner, L. D., et al., "Ultraviolet Coronagraph Spectrometer for the Solar and Heliospheric Observatory: instrument description and calibration overview", 1995SPIE.2517...40K ADS
- Anderson, S. W., Raymond, J. C., & van Ballegoijen, A., "Velocity Filtration Coronal Heating and UV Observations", 1995SPD...26..911A ADS
- Raymond, J. C., Kohl, J. L., Esser, R., et al., "The Ultraviolet Coronagraph Spectrometer for the Solar and Heliospheric Observatory", 1995SPD...26..720R ADS

- Antonucci, E., Kohl, J. L., Noci, G., et al., "UVCS Science from SOHO", 1995jena.conf..80A [ADS](#)
- Noci, G., Kohl, J. L., Huber, M. C. E., et al., "The Ultraviolet Coronagraph Spectrometer", in A. O. Benz and A. Krüger (Eds.), Coronal Magnetic Energy Releases, Vol. 444, 261 1995LNP..444..261N [ADS](#)
- van Ballegoijen, A. A., "Magnetic fine structures in coronal loops", 1994SSRv..70...31V [ADS](#)
- van Ballegoijen, A. A., "Energy release in stellar magnetospheres", 1994SSRv..68..299V [ADS](#)
- Gardner, L. D., Esser, R., Habbal, S. R., et al., "The SPARTAN Ultraviolet Coronagraph", 1992AAS...180.5202G [ADS](#)
- van Ballegoijen, A. A., "Nonpotential Models of Active Region Magnetic Fields", 1991BAAS...23.1035V [ADS](#)
- van Ballegoijen, A. A. & Martens, P. C. H., "Magnetic Fields in Quiescent Prominences", 1990ApJ...361..283V [ADS](#)
- van Ballegoijen, A. A., "Structure and Equilibrium of Coronal Magnetic Fields", 1990IAUS..142..303V [ADS](#)
- Martens, P. C. H. & van Ballegoijen, A. A., "Helical flux ropes in solar prominences", 1990GMS...58..337M [ADS](#)
- van Ballegoijen, A. A., "Magnetic Heating of Stellar Chromospheres and Coronal", 1990ASPC...9...15V [ADS](#)
- van Ballegoijen, A. A. & Martens, P. C. H., "Formation and Eruption of Solar Prominences", 1989ApJ...343..971V [ADS](#)
- van Ballegoijen, A. A., Habbal, S. R., & Dowdy, J. F., "Three-Dimensional Models of the Solar Atmosphere", 1989BAAS...21..836V [ADS](#)
- van Ballegoijen, A. A., "Magnetic fine structure of coronal loops.", 1989ftsa.conf..49V [ADS](#)
- Kohl, J. L., Hartmann, L. W., van Ballegoijen, A. A., et al., "UVCS: An Ultraviolet Coronagraph Spectrometer for SOHO", 1989ESASP1104...49K [ADS](#)
- van Ballegoijen, A. A., "Magnetic Fields in the Accretion Disks of Cataclysmic Variables", 1989ASSL..156...99V [ADS](#)
- Kohl, J. L., Hartmann, L. W., van Ballegoijen, A. A., et al.: 1988, UVCS: an Ultraviolet Coronagraph Spectrometer for SOHO, In ESA, The SOHO Mission. Scientific and Technical Aspects of the Instruments p 49-54 (SEE N90-13302 04-92) 1988sohi.rept...49K [ADS](#)
- van Ballegoijen, A. A. & Choudhuri, A. R., "The Possible Role of Meridional Flows in Suppressing Magnetic Buoyancy", 1988ApJ...333..965V [ADS](#)
- Raymond, J. C., van Ballegoijen, A. A., & Mauche, C. W., "Structure and Dynamics of Cataclysmic Variable Winds", 1988BAAS...20.1020R [ADS](#)
- van Ballegoijen, A. A., "Magnetic Fields in Solar Prominences", 1988BAAS...20..978V [ADS](#)
- van Ballegoijen, A. A., "Magnetic fine structure of solar coronal loops.", 1988sscd.conf..115V [ADS](#)
- van Ballegoijen, A. A., "Force free fields and coronal heating part I. The formation of current sheets", 1988GApFD..41..181V [ADS](#)
- Spruit, H. C., Title, A. M., & van Ballegoijen, A. A., "Is there a weak mixed polarity background field? Theoretical arguments", 1987SoPh..110..115V [ADS](#)
- van Ballegoijen, A. A., "Radiative Transfer in the Presence of Strong Magnetic Fields", in W. Kalkofen (Ed.), Numerical Radiative Transfer, 279 1987nrt..book..279V [ADS](#)
- Spruit, H. C., Title, A. M., & van Ballegoijen, A. A., "Is there a weak mixed polarity background field? Theoretical arguments.", 1987MPARp.271.....S [ADS](#)
- van Ballegoijen, A. A., "Cascade model of coronal heating.", 1986NASCP2442..439V [ADS](#)
- van Ballegoijen, A. A., "Cascade of Magnetic Energy as a Mechanism of Coronal Heating", 1986ApJ...311.1001V [ADS](#)
- van Ballegoijen, A. A., "On the Surface Response of Solar Giant Cells", 1986ApJ...304..828V [ADS](#)
- van Ballegoijen, A. A., "Electric currents in the solar corona and the existence of magnetostatic equilibrium", 1985ApJ...298..421V [ADS](#)
- van Ballegoijen, A. A., "Cascade of Magnetic Energy as a Mechanism of Coronal Heating", 1985tphr.conf..268V [ADS](#)
- van Ballegoijen, A. A., "Transport of Polarized Light in Small Flux Tubes", 1985tphr.conf..167V [ADS](#)
- van Ballegoijen, A. A., "Contribution functions for Zeeman-split lines, and line formation in photospheric faculae", 1985svmf.nasa..322V [ADS](#)
- van Ballegoijen, A. A., "An upper limit on the size of giant cells", 1985BAAS...17..643V [ADS](#)
- van Ballegoijen, A. A., "Contribution functions for Zeeman-split lines, and line formation in photospheric faculae.", 1985NASCP2374..322V [ADS](#)
- van Ballegoijen, A. A., "Cascade of magnetic energy as a mechanism of coronal heating.", 1985MPARp.212..268V [ADS](#)
- van Ballegoijen, A. A., "Transport of polarized light in small flux tubes.", 1985MPARp.212..167V [ADS](#)
- van Ballegoijen, A. A., "Coronal Heating and the Quasi-static Evolution of Magnetic Fields", 1984BAAS...16.1003V [ADS](#)
- van Ballegoijen, A. A., "On the Temperature Structure of Sunspot Umbrae", 1984SoPh..91..195V [ADS](#)
- van Ballegoijen, A. A., "The Effect of Reynolds Stress in the Solar Convective Zone on the Vertical Structure of Flux Tubes, and on Their Convective Instability", 1984ssdp.conf..260V [ADS](#)
- van Ballegoijen, A. A., "On the stability of toroidal flux tubes in differentially rotating stars", 1983A&A...118..275V [ADS](#)
- van Ballegoijen, A. A., "The overshoot layer at the base of the solar convective zone and the problem of magnetic flux storage.", 1982A&A...113...99V [ADS](#)
- Spruit, H. C. & van Ballegoijen, A. A., "Stability of toroidal flux tubes in stars", 1982A&A...106...58S [ADS](#)
- van Ballegoijen, A. A., "The structure of the solar magnetic field below the photosphere. I - Adiabatic flux tube models", 1982A&A...106...43V [ADS](#)
- van Ballegoijen, A. A.: 1982b, "Sunspots and the physics of magnetic flux tubes in the sun", Ph.D. thesis, University of Utrecht, Netherlands 1982PhDT.....43V [ADS](#)
- van Ballegoijen, A. A., "Energy Transport in Deep Umbral Layers", 1981phss.conf..140V [ADS](#)
- van Ballegoijen, A. A., "A model for slender flux tubes and its application to sunspots", 1981phss.conf..115V [ADS](#)