

Bibliography from ADS file: hood.bib
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- Moreno-Insertis, F., Nóbrega-Siverio, D., Priest, E. R., & Hood, A. W., "Am-bipolar diffusion: Self-similar solutions and MHD code testing. Cylindrical symmetry", 2022A&A...662A...42M ADS
- Reid, J., Threlfall, J., Hood, A., & Johnston, C., "MHD Avalanches: Self-Consistent Heating in Model Active Regions", 2021AGUFMSH15E2065R ADS
- Johnston, C., Hood, A., De Moortel, I., & Daldorff, L., "A Fast and Accurate Method to Capture the Solar Corona/Transition Region Entalpy Exchange in Multi-dimensional Magnetohydrodynamic Simulations", 2021AGUFMSH12B...03J ADS
- Johnston, C. D., Hood, A. W., De Moortel, I., Pagano, P., & Howson, T. A., "A fast multi-dimensional magnetohydrodynamic formulation of the transition region adaptive conduction (TRAC) method", 2021A&A...654A...2J ADS
- Threlfall, J., Reid, J., & Hood, A. W., "Can Multi-threaded Flux Tubes in Coronal Arcades Support a Magnetohydrodynamic Avalanche?", 2021SoPh...296...120T ADS
- Reid, J., Cargill, P. J., Johnston, C. D., & Hood, A. W., "Linking computational models to follow the evolution of heated coronal plasma", 2021MNRAS...505.4141R ADS
- Prokopyszyn, A. P. K., Wright, A. N., & Hood, A. W., "Line-tied Boundary Conditions Can Cause Resonant Absorption Models to Generate Unphysically Large Boundary Layers", 2021ApJ...914...15P ADS
- Threlfall, J., Wright, A. N., & Hood, A. W., "How Is Helicity (and Twist) Partitioned in Magnetohydrodynamic Simulations of Reconnecting Magnetic Flux Tubes?", 2020ApJ...898...1T ADS
- Johnston, C. D., Cargill, P. J., Hood, A. W., et al., "Modelling the solar transition region using an adaptive conduction method", 2020A&A...635A.168J ADS
- Reid, J., Cargill, P. J., Hood, A. W., Parnell, C. E., & Arber, T. D., "Coronal energy release by MHD avalanches: Heating mechanisms", 2020A&A...633A.158R ADS
- Reid, J., Parnell, C. E., Hood, A. W., & Browning, P. K., "Determining whether the squashing factor, Q , would be a good indicator of reconnection in a resistive MHD experiment devoid of null points", 2020A&A...633A...92R ADS
- Prokopyszyn, A. P. K. & Hood, A. W., "Investigating the damping rate of phase-mixed Alfvén waves", 2019A&A...632A...93P ADS
- Syntelis, P., Lee, E. J., Fairbairn, C. W., Archontis, V., & Hood, A. W., "Eruptions and flaring activity in emerging quadrupolar regions", 2019A&A...630A.134S ADS
- Howson, T. A., De Moortel, I., Reid, J., & Hood, A. W., "Magnetohydrodynamic waves in braided magnetic fields", 2019A&A...629A...60H ADS
- Johnston, C. D., Cargill, P. J., Antolin, P., et al., "The effects of numerical resolution, heating timescales and background heating on thermal non-equilibrium in coronal loops", 2019A&A...625A.149J ADS
- Pascoe, D. J., Hood, A. W., & Van Doorselaere, T., "Coronal loop seismology using standing kink oscillations with a lookup table", 2019FrASS...6...22P ADS
- Prokopyszyn, A. P. K., Hood, A. W., & De Moortel, I., "Phase mixing of non-linear Alfvén waves", 2019A&A...624A...90P ADS
- Syntelis, P., Archontis, V., & Hood, A., "Successful and Failed Flux Tube Emergence in the Solar Interior", 2019ApJ...874...15S ADS
- Reid, J., Hood, A. W., Parnell, C. E., Browning, P. K., & Cargill, P. J., "Coronal energy release by MHD avalanches: continuous driving", 2018A&A...615A...84R ADS
- Threlfall, J., Hood, A. W., & Priest, E. R., "Flux Rope Formation Due to Shearing and Zipper Reconnection", 2018SoPh...293...98T ADS
- Threlfall, J., Hood, A., & Browning, P., "Flare particle acceleration resulting from the interaction of twisted coronal flux ropes", 2018EGUGA...20.5145T ADS
- Young, K. E., Graff, T. G., Coan, D., et al., "Conducting Science-Driven Extravehicular Activities During Planetary Surface Exploration - The NEEMO (NASA Extreme Environment Mission Operations) 22 Mission", 2018LPI...49.2422Y ADS
- Bell, M. S., Regberg, A. B., Rucker, M., Hood, A., & Walker, M., "Human Forward Contamination Assessment: Just How Leaky are Space Suits and What Do They Leak?", 2018LPI...49.2285B ADS
- Threlfall, J., Hood, A. W., & Browning, P. K., "Flare particle acceleration in the interaction of twisted coronal flux ropes", 2018A&A...611A...40T ADS
- Goldstraw, E. E., Hood, A. W., Browning, P. K., & Cargill, P. J., "Comparison of methods for modelling coronal magnetic fields", 2018A&A...610A...48G ADS
- Young, K. E., Graff, T. G., Bleacher, J. E., et al., "Supporting Future Lunar Surface Exploration Through Ongoing Field Activities", 2017LPICo2041.5011Y ADS
- Johnston, C. D., Hood, A. W., Cargill, P. J., & De Moortel, I., "A new approach for modelling chromospheric evaporation in response to enhanced coronal heating. II. Non-uniform heating", 2017A&A...605A...8J ADS
- Hussain, A. S., Browning, P. K., & Hood, A. W., "A relaxation model of coronal heating in multiple interacting flux ropes", 2017A&A...600A...5H ADS
- Graff, T., Young, K., Coan, D., et al., "NEEMO 21: Tools, Techniques, Technologies, and Training for Science Exploration", 2017LPI...48.2391G ADS
- Johnston, C. D., Hood, A. W., Cargill, P. J., & De Moortel, I., "A new approach for modelling chromospheric evaporation in response to enhanced coronal heating. I. The method", 2017A&A...597A...81J ADS
- Reale, F., Orlando, S., Guarrasi, M., et al., "3D MHD modeling of twisted coronal loops", 2016ApJ...830...21R ADS
- Sturrock, Z. & Hood, A. W., "Sunspot rotation. II. Effects of varying the field strength and twist of an emerging flux tube", 2016A&A...593A...63S ADS
- Graff, T., Miller, M., Rodríguez-Lanetty, M., et al., "NEEMO 20: Science Training, Operations, and Tool Development", 2016LPI...47.2212G ADS
- Bareford, M. R., Gordovskyy, M., Browning, P. K., & Hood, A. W., "Energy Release in Driven Twisted Coronal Loops", 2016SoPh...291...187B ADS
- De Moortel, I., Pascoe, D. J., Wright, A. N., & Hood, A. W., "Transverse, propagating velocity perturbations in solar coronal loops", 2016PPCF...58a4001D ADS
- Hood, A. W., Cargill, P. J., Browning, P. K., & Tam, K. V., "An MHD Avalanche in a Multi-threaded Coronal Loop.", 2016ApJ...817...5H ADS
- Sturrock, Z., Hood, A. W., Archontis, V., & McNeill, C. M., "Sunspot rotation. I. A consequence of flux emergence", 2015A&A...582A...76S ADS
- Tam, K. V., Hood, A. W., Browning, P. K., & Cargill, P. J., "Coronal heating in multiple magnetic threads", 2015A&A...580A.122T ADS
- Pascoe, D. J., Wright, A. N., De Moortel, I., & Hood, A. W., "Excitation and damping of broadband kink waves in the solar corona", 2015A&A...578A...99P ADS
- Bareford, M. R. & Hood, A. W., "Shock heating in numerical simulations of kink-unstable coronal loops", 2015RSPTA.37340266B ADS
- Lee, E. J., Archontis, V., & Hood, A. W., "Helical Blowout Jets in the Sun: Untwisting and Propagation of Waves", 2015ApJ...798L...10L ADS
- Archontis, V., Hood, A. W., & Tsinganos, K., "Recurrent Explosive Eruptions and the 'Sigmoid-to-arcade' Transformation in the Sun Driven by Dynamical Magnetic Flux Emergence", 2014ApJ...786L...21A ADS
- Bowness, R., Hood, A. W., & Parnell, C. E., "Coronal heating and nanoflares: current sheet formation and heating", 2013A&A...560A...89B ADS
- Archontis, V., Hood, A. W., & Tsinganos, K., "The Emergence of Weakly Twisted Magnetic Fields in the Sun", 2013ApJ...778...42A ADS
- Bareford, M. & Hood, A., "Shock heating in the solar corona", 2013SPD...4420002B ADS
- Archontis, V. & Hood, A. W., "Erratum: "A Numerical Model of Standard to Blowout Jets" (2013, ApJL, 769, L21)", 2013ApJ...770L...41A ADS
- Archontis, V. & Hood, A. W., "A Numerical Model of Standard to Blowout Jets", 2013ApJ...769L...21A ADS
- Pascoe, D. J., Hood, A. W., De Moortel, I., & Wright, A. N., "Damping of kink waves by mode coupling. II. Parametric study and seismology", 2013A&A...551A...40P ADS
- Hood, A. W., Ruderman, M., Pascoe, D. J., et al., "Damping of kink waves by mode coupling. I. Analytical treatment", 2013A&A...551A...39H ADS
- Bareford, M. R., Hood, A. W., & Browning, P. K., "Coronal heating by the partial relaxation of twisted loops", 2013A&A...550A...40B ADS
- Harra, L. K., Archontis, V., Pedram, E., et al., "The Creation of Outflowing Plasma in the Corona at Emerging Flux Regions: Comparing Observations and Simulations", 2012SoPh...278...47H ADS
- Vargas Domínguez, S., MacTaggart, D., Green, L., van Driel-Gesztelyi, L., & Hood, A. W., "On Signatures of Twisted Magnetic Flux Tube Emergence", 2012SoPh...278...33V ADS
- Hood, A. W., Archontis, V., & MacTaggart, D., "3D MHD Flux Emergence Experiments: Idealised Models and Coronal Interactions", 2012SoPh...278...3H ADS
- Pascoe, D. J., De Moortel, I., Hood, A. W., & Wright, A. N., "What can we learn from propagating Alfvénic waves?", 2012decs.confE...24P ADS
- Pascoe, D. J., Hood, A. W., de Moortel, I., & Wright, A. N., "Spatial damping of propagating kink waves due to mode coupling", 2012A&A...539A...37P ADS
- Fuentes-Fernández, J., Parnell, C. E., Hood, A. W., Priest, E. R., & Longcope, D. W., "Consequences of spontaneous reconnection at a two-dimensional non-force-free current layer", 2012PhPl...19b2901F ADS
- Hood, A., "Magnetic activity on the Sun", 2012he11.conf...2H ADS

- Botha, G. J. J., Arber, T. D., Hood, A. W., & Srivastava, A. K., “Coronal Kink Instability With Parallel Thermal Conduction”, 2012csem.conf. . . 7B ADS
- Archontis, V. & Hood, A. W., “Magnetic flux emergence: a precursor of solar plasma expulsion”, 2012A&A. . . 537A. .62A ADS
- Fuentes-Fernández, J., Parnell, C. E., & Hood, A. W., “Magnetohydrodynamics dynamical relaxation of coronal magnetic fields. II. 2D magnetic X-points”, 2011A&A. . . 536A. .32F ADS
- Hood, A. W. & Hughes, D. W., “Solar magnetic fields”, 2011PEPI. .187. .78H ADS
- McLaughlin, J. A., Hood, A. W., & de Moortel, I., “Review Article: MHD Wave Propagation Near Coronal Null Points of Magnetic Fields”, 2011SSRv. .158. .205M ADS
- McLaughlin, J. A., de Moortel, I., & Hood, A. W., “Phase mixing of nonlinear visco-resistive Alfvén waves”, 2011A&A. . . 527A. .149M ADS
- Botha, G. J. J., Arber, T. D., & Hood, A. W., “Thermal conduction effects on the kink instability in coronal loops”, 2011A&A. . . 525A. .96B ADS
- Verwichte, E., Marsh, M., Foullon, C., et al., “Periodic Spectral Line Asymmetries in Solar Coronal Structures from Slow Magnetoacoustic Waves”, 2010ApJ. . . 724L. .194V ADS
- Russell, A. J., Wright, A. N., Streltsov, A. V., & Hood, A. W., “Ionosphere-Magnetosphere Waves”, 2010AGUFMSM24B. .06R ADS
- Smyrli, A., Zuccarello, F., Romano, P., et al., “Trend of photospheric magnetic helicity flux in active regions generating halo coronal mass ejections”, 2010A&A. . . 521A. .56S ADS
- MacTaggart, D. & Hood, A. W., “Simulating the “Sliding Doors” Effect Through Magnetic Flux Emergence”, 2010ApJ. . . 716L. .219M ADS
- Cargill, P., Parnell, C., Browning, P., de Moortel, I., & Hood, A., “Magnetic reconnection in the solar atmosphere: from proposal to paradigm”, 2010A&G. . . 51c. .31C ADS
- Fuentes-Fernández, J., Parnell, C. E., & Hood, A. W., “Magnetohydrodynamics dynamical relaxation of coronal magnetic fields. I. Parallel untwisted magnetic fields in 2D”, 2010A&A. . . 514A. .90F ADS
- Archontis, V. & Hood, A. W., “Flux emergence and coronal eruption”, 2010A&A. . . 514A. .56A ADS
- Russell, A. J. B., Wright, A. N., & Hood, A. W., “Self-consistent ionospheric plasma density modifications by field-aligned currents: Steady state solutions”, 2010JGRA. .115. .4216R ADS
- Hood, A. W., “Coronal Heating”, in P. J. V. García and J. M. Ferreira (Eds.), Lecture Notes in Physics, Berlin Springer Verlag, Vol. 793, 109 2010LNP. . . 793. .109H ADS
- Morton, R. J., Hood, A. W., & Erdélyi, R., “Propagating magneto-hydrodynamic waves in a cooling homogenous coronal plasma”, 2010A&A. . . 512A. .23M ADS
- Smyrli, A., Zuccarello, F., Zuccarello, F., et al., “Trend of photospheric helicity flux in active regions generating halo CMEs”, 2010cosp. . . 38. .1860S ADS
- Archontis, V. & Hood, A. W., “Formation of Ellerman bombs due to 3D flux emergence”, 2009A&A. . . 508. .1469A ADS
- MacTaggart, D. & Hood, A. W., “Multiple eruptions from magnetic flux emergence”, 2009A&A. . . 508. .445M ADS
- MacTaggart, D. & Hood, A. W., “On the emergence of toroidal flux tubes: general dynamics and comparisons with the cylinder model”, 2009A&A. . . 507. .995M ADS
- Hood, A. W., Browning, P. K., & van der Linden, R. A. M., “Coronal heating by magnetic reconnection in loops with zero net current”, 2009A&A. . . 506. .913H ADS
- Hood, A. W., Archontis, V., Galsgaard, K., & Moreno-Insertis, F., “The emergence of toroidal flux tubes from beneath the solar photosphere”, 2009A&A. . . 503. .999H ADS
- MacTaggart, D. & Hood, A. W., “Can magnetic breakout be achieved from multiple flux emergence?”, 2009A&A. . . 501. .761M 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
- McDougall, A. M. D. & Hood, A. W., “MHD Mode Conversion around a 2D Magnetic Null Point”, 2009AIPC. .1094. .752M ADS
- Owen, N. R., De Moortel, I., & Hood, A. W., “Forward modelling to determine the observational signatures of propagating slow waves for TRACE, SoHO/CDS, and Hinode/EIS”, 2009A&A. . . 494. .3390 ADS
- McLaughlin, J. A., De Moortel, I., Hood, A. W., & Brady, C. S., “Nonlinear fast magnetoacoustic wave propagation in the neighbourhood of a 2D magnetic X-point: oscillatory reconnection”, 2009A&A. . . 493. .227M ADS
- Régnier, S., Priest, E. R., & Hood, A. W., “Coronal Alfvén speeds in an isothermal atmosphere. I. Global properties”, 2008A&A. . . 491. .297R ADS
- McLaughlin, J. A., Ferguson, J. S. L., & Hood, A. W., “3D MHD Coronal Oscillations about a Magnetic Null Point: Application of WKB Theory”, 2008SoPh. . . 251. .563M ADS
- Browning, P. K., Gerrard, C., Hood, A. W., Kevis, R., & van der Linden, R. A. M., “Heating the corona by nanoflares: simulations of energy release triggered by a kink instability”, 2008A&A. . . 485. .837B ADS
- McDougall, A. M. D. & Hood, A. W., “MHD mode conversion in a stratified atmosphere”, 2008IAUS. .247. .296M ADS
- von Rekowski, B. & Hood, A. W., “Photospheric cancelling magnetic features and associated phenomena in a stratified solar atmosphere”, 2008MNRAS. .385. .1792V ADS
- von Rekowski, B. & Hood, A. W., “Solar coronal heating by magnetic cancellation - III. Thermodynamics”, 2008MNRAS. .384. .972V ADS
- Archontis, V. & Hood, A. W., “A Flux Emergence Model for Solar Eruptions”, 2008ApJ. . . 674L. .113A ADS
- Murray, M. J. & Hood, A. W., “Emerging flux tubes from the solar interior into the atmosphere: effects of non-constant twist”, 2008A&A. . . 479. .567M ADS
- van der Linden, R., Browning, P., & Hood, A., “Coronal heating by nanoflares: a model based on Taylor relaxation following kink instability”, 2008cosp. . . 37. .3285V ADS
- Regnier, S., Priest, E., & Hood, A., “Global properties of Alfvén speeds in the corona”, 2008cosp. . . 37. .2585R ADS
- McDougall, A. M. D. & Hood, A. W., “A New Look at Mode Conversion in a Stratified Isothermal Atmosphere”, 2007SoPh. .246. .259M ADS
- Ballester, J. L., Erdélyi, R., Hood, A. W., Leibacher, J. W., & Nakariakov, V. M., “Preface: A Topical Issue in Honor of Professor Bernard Roberts”, 2007SoPh. .246. . .1B ADS
- Cran-McGreehin, A. P., Wright, A. N., & Hood, A. W., “Ionospheric depletion in auroral downward currents”, 2007JGRA. .11210309C ADS
- Galsgaard, K., Archontis, V., Moreno-Insertis, F., & Hood, A. W., “The Effect of the Relative Orientation between the Coronal Field and New Emerging Flux. I. Global Properties”, 2007ApJ. . . 666. .516G ADS
- Murray, M. J. & Hood, A. W., “Simple emergence structures from complex magnetic fields”, 2007A&A. . . 470. .709M ADS
- Archontis, V., Hood, A. W., & Brady, C., “Emergence and interaction of twisted flux tubes in the Sun”, 2007A&A. . . 466. .367A ADS
- Murray, M. J., Hood, A. W., Moreno-Insertis, F., Galsgaard, K., & Archontis, V., “3D simulations identifying the effects of varying the twist and field strength of an emerging flux tube”, 2006A&A. . . 460. .909M ADS
- McLaughlin, J. A. & Hood, A. W., “MHD mode coupling in the neighbourhood of a 2D null point”, 2006A&A. . . 459. .641M ADS
- Archontis, V., Galsgaard, K., Moreno-Insertis, F., & Hood, A. W., “Three-dimensional Plasmoid Evolution in the Solar Atmosphere”, 2006ApJ. . . 645L. .161A ADS
- McLaughlin, J. A. & Hood, A. W., “Magnetohydrodynamics wave propagation in the neighbourhood of two dipoles”, 2006A&A. . . 452. .603M ADS
- Archontis, V., Moreno-Insertis, F., Galsgaard, K., & Hood, A. W., “Flux emergence and interaction with a coronal field: 3D MHD simulations”, 2006IAUS. .233. . .53A ADS
- Browning, P. K., van der Linden, R., Gerrard, C., Kevis, R., & Hood, A., “A Model of Nanoflare Energies Based on Relaxation Theory”, 2005ESASP. .600E. .82B ADS
- Archontis, V., Moreno-Insertis, F., Galsgaard, K., & Hood, A. W., “The Three-dimensional Interaction between Emerging Magnetic Flux and a Large-Scale Coronal Field: Reconnection, Current Sheets, and Jets”, 2005ApJ. . . 635. .1299A ADS
- Galsgaard, K., Moreno-Insertis, F., Archontis, V., & Hood, A., “Magnetic Flux Emergence and its Interaction with AN Existing Coronal Field”, 2005ESASP. .596E. .55G ADS
- Galsgaard, K., Moreno-Insertis, F., Archontis, V., & Hood, A., “Magnetic Flux Emergence and its Interaction with AN Existing Coronal Field”, 2005ESASP. .596E. .27G ADS
- McLaughlin, J. A. & Hood, A. W., “MHD wave propagation in the neighbourhood of two null points”, 2005A&A. . . 435. .313M ADS
- Mellor, C., Gerrard, C. L., Galsgaard, K., Hood, A. W., & Priest, E. R., “Numerical Simulations of the Flux Tube Tectonics Model for Coronal Heating”, 2005SoPh. .227. . .39M ADS
- Hood, A. W., Brooks, S. J., & Wright, A. N., “Phase mixing of Alfvén pulses and wavetrains propagating in coronal holes”, 2005RSPSA. .461. .237H ADS
- Galsgaard, K., Moreno-Insertis, F., Archontis, V., & Hood, A., “A Three-dimensional Study of Reconnection, Current Sheets, and Jets Resulting from Magnetic Flux Emergence in the Sun”, 2005ApJ. . . 618L. .153G ADS
- Archontis, V., Moreno-Insertis, F., Galsgaard, K., & Hood, A., “3D MHD Simulations on Magnetic Flux Emergence”, 2004ESASP. .575. .342A ADS
- Moreno-Insertis, F., Galsgaard, K., Archontis, V., & Hood, A., “Flux Emergence from the Solar Interior Into a Uniformly Magnetized Corona”, 2004ESASP. .575. .216M ADS
- Browning, P. K., van der Linden, R., Gerrard, C., Kevis, R., & Hood, A., “Coronal Heating by Nanoflares: a Reconnection Model”, 2004ESASP. .575. .210B ADS

- McLaughlin, J. A. & Hood, A. W., "Preferential Heating in the Neighbourhood of a Two-Dimensional Null Point", 2004ESASP.575...74M ADS
- Mellor, C., Gerrard, C. L., Galsgaard, K., Hood, A. W., & Priest, E. R., "Simple Numerical Simulations of the Flux Tube Tectonics Model for Coronal Heating", 2004ESASP.575...29M ADS
- Archontis, V., Moreno-Insertis, F., Galsgaard, K., Hood, A., & O'Shea, E., "Emergence of magnetic flux from the convection zone into the corona", 2004A&A...426.1047A ADS
- De Moortel, I., Hood, A. W., Gerrard, C. L., & Brooks, S. J., "The damping of slow MHD waves in solar coronal magnetic fields. III. The effect of mode coupling", 2004A&A...425...741D ADS
- Gerrard, C. L. & Hood, A. W., "Current build-up as a result of the kink instability in a loop", 2004SoPh...223...143G ADS
- De Moortel, I., Munday, S. A., & Hood, A. W., "Wavelet Analysis: the effect of varying basic wavelet parameters", 2004SoPh...222...203D ADS
- Gerrard, C. L., Hood, A. W., & Brown, D. S., "Effect of photospheric twisting motions on a confined toroidal loop", 2004SoPh...222...79G ADS
- McLaughlin, J. A. & Hood, A. W., "MHD wave propagation in the neighbourhood of a two-dimensional null point", 2004A&A...420.1129M ADS
- De Moortel, I. & Hood, A. W., "Observations and theory of slow waves in coronal loops", 2004AAS...204.9502D ADS
- De Moortel, I. & Hood, A. W., "The damping of slow MHD waves in solar coronal magnetic fields. II. The effect of gravitational stratification and field line divergence", 2004A&A...415...705D ADS
- McLaughlin, J. A. & Hood, A. W., "MHD Waves in the Neighbourhood of a 2D X-Type Neutral Point", 2004ESASP.547...537M ADS
- De Moortel, I., Munday, S., & Hood, A. W., "Time-Frequency Analysis of Quasi-Periodic Signals", 2004ESASP.547...501D ADS
- De Moortel, I., Hood, A. W., & De Pontieu, B., "Observations and Theory of Longitudinal Waves in Coronal Loops", 2004ESASP.547...427D ADS
- Harrison, R. A., Hood, A. W., & Pike, C. D., "Evidence for Wave Dissipation through EUV Emission Line Narrowing", 2004ESASP.547...229H ADS
- Carcedo, L., Brown, D. S., Hood, A. W., Neukirch, T., & Wiegmann, T., "A Quantitative Method to Optimise Magnetic Field Line Fitting of Observed Coronal Loops", 2003SoPh...218...29C ADS
- De Moortel, I. & Hood, A. W., "The damping of slow MHD waves in solar coronal magnetic fields", 2003A&A...408...755D ADS
- De Moortel, I., Parnell, C. E., & Hood, A. W., "Determination of coronal loop properties from trace observations", 2003SoPh...215...69D ADS
- Gerrard, C. L. & Hood, A. W., "Kink unstable coronal loops: current sheets, current saturation and magnetic reconnection", 2003SoPh...214...151G ADS
- Tanner, S. E., Klimchuk, J. A., Hood, A. W., & De Moortel, I., "Hydrodynamic Simulations of Longitudinal Intensity Oscillations Observed in Coronal Loops by TRACE", 2003SPD...34.0406T ADS
- Gerrard, C. L., Brown, D. S., Mellor, C., Arber, T. D., & Hood, A. W., "MHD simulations of sunspot rotation and the coronal consequences", 2003SoPh...213...39G ADS
- Wright, A. N. & Hood, A. W., "Field-aligned electron acceleration in Alfvén waves", 2003JGRA...108.1135W ADS
- De Moortel, I. & Hood, A. W., "Thermal conduction damping of longitudinal waves in coronal loops", 2003PADEU...13...127D ADS
- De Moortel, I., Hood, A. W., Ireland, J., & Walsh, R. W., "An overview of longitudinal oscillations in coronal loops", 2002ESASP.506...509D ADS
- Hood, A. W., Brooks, S. J., & Wright, A. N., "Coronal heating by the phase mixing of individual pulses propagating in coronal holes", 2002RSPSA.458.2307H ADS
- Hood, A. W., Galsgaard, K., & Parnell, C. E., "Magnetic reconnection throughout the solar atmosphere", 2002ESASP.505...285H ADS
- Bewsher, D., Parnell, C. E., Brown, D. S., & Hood, A. W., "Magnetic structure of transition region blinkers", 2002ESASP.505...239B ADS
- De Moortel, I., Ireland, J., Hood, A. W., & Walsh, R. W., "Observational evidence of underlying driving of longitudinal oscillations in coronal loops", 2002ESASP.505...211D ADS
- De Moortel, I., Hood, A. W., Ireland, J., & Walsh, R. W., "Longitudinal intensity oscillations in coronal loops observed with TRACE II. Discussion of Measured Parameters", 2002SoPh...209...89D ADS
- De Moortel, I., Ireland, J., Walsh, R. W., & Hood, A. W., "Longitudinal intensity oscillations in coronal loops observed with TRACE I. Overview of Measured Parameters", 2002SoPh...209...61D ADS
- Harrison, R. A., Hood, A. W., & Pike, C. D., "Off-limb EUV line profiles and the search for wave activity in the low corona", 2002A&A...392...319H ADS
- De Moortel, I., Ireland, J., Hood, A. W., & Walsh, R. W., "The detection of 3 & 5 min period oscillations in coronal loops", 2002A&A...387L...13D ADS
- Gerrard, C. L., Arber, T. D., & Hood, A. W., "The triggering of MHD instabilities through photospheric footpoint motions", 2002A&A...387...687G ADS
- Priest, E. R., Hood, A. W., & Bewsher, D., "The Nature of Blinkers and the Solar Transition Region", 2002SoPh...205...249P ADS
- De Moortel, I., Hood, A. W., & Ireland, J., "Coronal seismology through wavelet analysis", 2002A&A...381...311D ADS
- Gerrard, C. L., Arber, T. D., Hood, A. W., & Van der Linden, R. A. M., "Numerical simulations of kink instability in line-tied coronal loops", 2001A&A...373.1089G ADS
- Hood, A. W., Sait, M. L., Stough, C. K., & Sharkey, V. K., "Do Power Frequency Magnetic Fields Affect Human Heart Rate and Brain Function? (invited)", 2001aprs.conf...262H ADS
- Parnell, C. E., Bewsher, D., Harrison, R. A., & Hood, A. W., "Transition Region Blinkers", 2001IAUS...203...359P ADS
- Hood, A., "Magnetohydrodynamic Instabilities", in P. Murdin (Ed.), Encyclopedia of Astronomy and Astrophysics, 2222 2000eaa...bookE2222H ADS
- De Moortel, I. & Hood, A. W., "Wavelet analysis and the determination of coronal plasma properties", 2000A&A...363...269D ADS
- Gerrard, C. L., Arber, T. D., Hood, A. W., & van der Linden, R. A. M., "Non-linear kink instabilities in line-tied coronal loops", 2000AIPC...537...248G ADS
- De Moortel, I., Hood, A. W., & Arber, T. D., "Phase mixing of Alfvén waves in an open and stratified atmosphere", 2000AIPC...537...224D ADS
- De Moortel, I., Hood, A. W., & Arber, T. D., "Phase mixing of Alfvén waves in a stratified and radially diverging, open atmosphere", 2000A&A...354...334D ADS
- Ai, G., Benz, A., Dere, K. P., et al., "Commission 10: Solar Activity: (Activite Solaire)", 2000IAUTA...24...67A ADS
- Kuznetsov, V. D. & Hood, A. W., "A Phenomenological Model of Coronal Mass Ejection", 2000AdSpr...26...539K ADS
- De Moortel, I., Hood, A. W., & Arber, T. D., "Phase Mixing of Alfvén Waves in an Open and Stratified Atmosphere", 1999ESASP.448...257D ADS
- De Moortel, I., Hood, A. W., Ireland, J., & Arber, T. D., "Phase mixing of Alfvén waves in a stratified and open atmosphere", 1999A&A...346...641D ADS
- van der Linden, R. A. M. & Hood, A. W., "A complete coronal loop stability analysis in ideal magnetohydrodynamics. II. Force-free cylindrical equilibria", 1999A&A...346...303V ADS
- Boddie, D., Roberts, B., Hood, A. W., & van der Linden, R., "On the magnetoacoustic waves in a current sheet", 1999joso.proc...139B ADS
- Hood, A. W., "Working Group 2 Report: Energy Input, Heating, and Solar Wind Acceleration in Coronal Holes", 1999SSRv...87...79H ADS
- van der Linden, R. A. M. & Hood, A. W., "A complete solar coronal loop stability analysis in ideal magnetohydrodynamics. I. Non-force-free cylindrical equilibria", 1998A&A...339...887V ADS
- Ireland, R. C., Van Der Linden, R. A. M., & Hood, A. W., "The Effect of Resistivity on the Formation of Prominence Fine-Scale Structure", 1998SoPh...179...115I ADS
- Del Zanna, L., Hood, A., Velli, M., & von Steiger, R., "MHD models of coronal plumes", 1998ESASP.421...359D ADS
- Mendoza-Briceno, C. A. & Hood, A. W., "The effect of spatially dependent heating on the thermal equilibria of coronal loops", 1997A&A...325...791M ADS
- Hood, A. W., Gonzalez-Delgado, D., & Ireland, J., "Heating of coronal loops by phase-mixing", 1997A&A...324...11H ADS
- Walsh, R. W., Bell, G. E., & Hood, A. W., "Discrete Random Heating Events in Coronal Loops", 1997SoPh...171...81W ADS
- Kuznetsov, V. D. & Hood, A. W., "Non-equilibrium of Magnetic Flux Tubes emerging into the Solar Corona", 1997SoPh...171...61K ADS
- Mann, I. R., Wright, A. N., & Hood, A. W., "Multiple-timescales analysis of ideal poloidal Alfvén waves", 1997JGR...102.2381M ADS
- Del Zanna, L., Hood, A. W., & Longbottom, A. W., "An MHD model for solar coronal plumes", 1997A&A...318...963D ADS
- Hood, A. W., Ireland, J., & Priest, E. R., "Heating of coronal holes by phase mixing", 1997A&A...318...957H ADS
- Mann, I. R., Wright, A. N., & Hood, A. W., "Phase-mixing poloidal alfvén wave polarisations", 1997AdSpr...20...489M ADS
- Mendoza-Briceno, C. A. & Hood, A. W., "Thermal evolution of a coronal condensation", 1997ASIC...494...117M ADS
- Walsh, R. W., Bell, G. E., & Hood, A. W., "Validity of the Isobaric Assumption to the Solar Corona", 1996SoPh...169...33W ADS
- Del Zanna, L. & Hood, A. W., "A steady flow model for quiescent prominences", 1996A&A...309...943D ADS
- Oliver, R., Hood, A. W., & Priest, E. R., "Magnetohydrodynamic Waves in Solar Coronal Arcades", 1996ApJ...461...424O ADS
- Longbottom, A. W., Hood, A. W., & Rickard, G. J., "The nonlinear MHD evolution of axisymmetric line-tied loops in the solar corona", 1996PPCF...38...193L ADS
- Walsh, R. W., Bell, G. E., & Hood, A. W., "Plasma Flows due to Time Dependent Heating of the Solar Corona", 1996ApL&C...34...181W ADS
- Mendoza, C. A. & Hood, A. W., "Formation of Cool Condensation in a Magnetic Structure", 1996ApL&C...34...107M ADS

- Del Zanna, L. & Hood, A. W., "Steady Flows in Quiescent Prominences", 1996ApL&C. .34. .95D ADS
- Hood, A. W., Longbottom, A. W., & Del Zanna, L., "Normal Polarity, Quiescent Prominences: Static and Steady Flow Models", 1996ASPC. .95. .258H ADS
- Walsh, R. W., Bell, G. E., & Hood, A. W., "Time-Dependent Heating of the Solar Corona", 1995SoPh. .161. .83W ADS
- Ireland, R. C., Hood, A. W., & Van Der Linden, R. A. M., "Magnetothermal instabilities in coronal arcades", 1995SoPh. .160. .303I ADS
- van der Linden, R. A. M. & Hood, A. W., "On the importance of high-m instabilities in line-tied coronal magnetic fields.", 1995A&A. .299. .912V ADS
- Schonfelder, A. O. & Hood, A. W., "Current Sheet Models for Inverse Polarity Prominences in Twisted Flux Tubes", 1995SoPh. .157. .223S ADS
- Hood, A., "The magnetic structuring of the solar corona", 1995HiA. .10. .296H ADS
- Longbottom, A. W. & Hood, A. W., "The Effect of Magnetic Shear on the Magnetohydrodynamic Stability of a Prominence Model", 1994SoPh. .155. .267L ADS
- van der Linden, R. A. M., Hood, A. W., & Goedbloed, J. P., "The Influence of Line-Tying on Coronal Perturbations in a Gravitationally Stratified Equilibrium", 1994SoPh. .154. .69V ADS
- Longbottom, A. W. & Hood, A. W., "The Magnetohydrodynamic Stability of a Twisted Flux Tube Prominence Model", 1994SoPh. .154. .51L ADS
- Hood, A. W., de Bruyne, P., van der Linden, R. A. M., & Goossens, M., "WKB Estimates for the Onset of Ideal Magnetohydrodynamic Instabilities in Solar Coronal Loops", 1994SoPh. .150. .99H ADS
- Longbottom, A. W., Melville, J. P., & Hood, A. W., "A Necessary Condition for the Stability of a Class of Three-dimensional Laminated Equilibria", 1994ApJ. .423. .496L ADS
- Cartledge, N. & Hood, A. W., "External and Internal Solutions for the Twisted, Flux Tube, Prominence Model", 1994scs. .conf. .345C ADS
- Schonfelder, A. O., Hood, A. W., & Fiedler, R. A. S., "Magnetic Field Structures for Inverse Polarity Prominences", 1994scs. .conf. .335S ADS
- Longbottom, A. W., Melville, J. P., & Hood, A. W., "The Stability of 2d Current Sheet Models of Prominences", 1994SoPh. .149. .73L ADS
- Priest, E. R., Hood, A. W., & Burlaga, L. F., "Book-Review - Advances in Solar System Magnetohydrodynamics", 1994SSRv. .67. .225P ADS
- van der Linden, R. A. M. & Hood, A. W., "Line-tying in a gravitationally stratified atmosphere", in G. Belvedere, M. Rodono, and G. M. Simnett (Eds.), Advances in Solar Physics, Vol. 432, 135-140 1994LNP. .432. .135V ADS
- Cartledge, N. & Hood, A. W., "External and internal solutions for the twisted, flux-tube, prominence model", 1993SoPh. .148. .253C ADS
- de Bruyne, P. & Hood, A. W., "The Stability of Two Classes of Solar Quiescent Prominences", 1993SoPh. .147. .97D ADS
- Hood, A. W., "The stability of line-tied coronal loops and an extended Suydam criterion", 1993AdSpr. .13i. 105H ADS
- Fiedler, R. A. S. & Hood, A. W., "The Effect of Shear on Numerical Models of Quiescent Normal Polarity Prominences", 1993SoPh. .146. .297F ADS
- Longbottom, A. W., Melville, J. P., & Hood, A. W., "Bounds on the Stability of 3-DIMENSIONAL Magnetic Equilibria in the Solar Corona", 1993SoPh. .146. .93L ADS
- Oliver, R., Ballester, J. L., Hood, A. W., & Priest, E. R., "Oscillations of a Quiescent Solar Prominence Embedded in a Hot Corona", 1993ApJ. .409. .809O ADS
- Oliver, R., Ballester, J. L., Hood, A. W., & Priest, E. R., "Magnetohydrodynamic waves in a potential coronal arcade", 1993A&A. .273. .647O ADS
- Hood, A. W., "Solar plasmas.", 1993ppic.conf. .267H ADS
- Oliver, R., Ballester, J. L., Hood, A. W., & Priest, E. R., "MHD Waves in a Solar Prominence", 1993ASSL. .183. .191O ADS
- Ireland, R. C., van der Linden, R. A. M., Hood, A. W., & Goossens, M., "The Thermal Continuum in Coronal Loops - the Influence of Finite Resistivity on the Continuous Spectrum", 1992SoPh. .142. .265I ADS
- de Bruyne, P. & Hood, A. W., "Stability of Line-Tied 1-D Coronal Loops - Significance of an Extended Suydam Criterion", 1992SoPh. .142. .87D ADS
- Oliver, R., Ballester, J. L., Hood, A. W., & Priest, E. R., "Magnetohydrodynamic Waves in a Solar Prominence", 1992ApJ. .400. .369O ADS
- Fiedler, R. A. S. & Hood, A. W., "Numerical Models of Quiescent Normal Polarity Prominences", 1992SoPh. .141. .75F ADS
- van der Linden, R. A. M., Goossens, M., & Hood, A. W., "The relevance of the ballooning approximation for magnetic, thermal, and coalesced magnetothermal instabilities", 1992SoPh. .140. .317V ADS
- Priest, E. R., Hood, A. W., & Hartquist, T. W., "Book-Review - Advances in Solar System Magnetohydrodynamics", 1992Ap&SS. 192. .159P ADS
- Hood, A. W., Priest, E. R., & Anzer, U., "The Fibril Structure of Prominences", 1992SoPh. .138. .331H ADS
- Hood, A. W., "Instabilities in the solar corona", 1992PPCF. .34. .411H ADS
- Robertson, J. A., Hood, A. W., & Lothian, R. M., "The Evolution of Twisted Coronal Loops", 1992SoPh. .137. .273R ADS
- Lothian, R. M. & Hood, A. W., "Loss of Equilibrium in Coronal Loops", 1992SoPh. .137. .105L ADS
- Priest, E. R., Hood, A. W., & Ghizaru, M., "Book-Review - Advances in Solar System Magnetohydrodynamics", 1992RoAJ. .2. .95P ADS
- Priest, E. R. & Hood, A. W., "Book-Review - Advances in Solar System Magnetohydrodynamics", 1991JBAA. .101. .300P ADS
- , "Advances in solar system magnetohydrodynamics", 1991gamp.conf.P ADS
- , "Advances in Solar System Magnetohydrodynamics, 1991", 1991assm.conf.P ADS
- Hardie, I. S., Hood, A. W., & Allen, H. R., "Resistive Ballooning Line-Tied Boundary Conditions", 1991SoPh. .133. .313H ADS
- Priest, E. R., Hood, A. W., & Anzer, U., "The Fibril Structure of Prominences", 1991SoPh. .132. .199P ADS
- Hermans, D., Hood, A. W., Clifford, L., & Milne, A., "Effects of Line-Tying and Non-Uniformities on Thermal Instabilities and Slow MHD Modes (With 2 Figures)", 1991mcch.conf. .405H ADS
- Hood, A. W., "MHD of solar flares.", 1991gamp.conf. .307H ADS
- Hood, A. W., "Magnetohydrodynamics of Solar Flares", 1991assm.conf. .307H ADS
- Amari, T., Démoulin, P., Browning, P., Hood, A., & Priest, E., "The creation of the magnetic environment for prominence formation in a coronal arcade", 1991A&A. .241. .604A ADS
- Hood, A. W., "Structure and stability of the solar corona.", 1990CoPhR. .12. .177H ADS
- de Bruyne, P., Velli, M., & Hood, A. W., "The ideal MHD stability of line-tied coronal loops: A truncated Fourier series approach", 1990CoPhC. .59. .55D ADS
- Hood, A. W. & Anzer, U., "A Model for Quiescent Solar Prominences with Normal Polarity", 1990SoPh. .126. .117H ADS
- Velli, M., Einaudi, G., & Hood, A. W., "Ideal Kink Instabilities in Line-tied Coronal Loops: Growth Rates and Geometrical Properties", 1990ApJ. .350. .428V ADS
- Velli, M., Einaudi, G., & Hood, A. W., "Boundary Effects on the Magnetohydrodynamic Stability of a Resistive Plasma", 1990ApJ. .350. .419V ADS
- Lothian, R. M. & Hood, A. W., "Loss of Equilibrium in Coronal Loops", 1990ppsa.conf. .243L ADS
- Hermans, D., Hood, A. W., & Clifford, L., "The Thermal Stability of a Planar Plasma in the Presence of a Line-Tied and Sheared Magnetic Field", 1990PDHO. .7. .160H ADS
- Fiedler, R. A. S. & Hood, A. W., "Numerical Models of Quiescent Normal Polarity Prominences", 1990PDHO. .7. .152F ADS
- de Bruyne, P., Velli, M., & Hood, A. W., "Linear stability of line-tied coronal loops.", 1990PDHO. .7. .142D ADS
- Hood, A. W. & Anzer, U., "A normal polarity quiescent prominence model.", 1990PDHO. .7. .130H ADS
- Hood, A. W. & Anzer, U., "A Model for Quiescent Solar Prominences with Normal Polarity", in V. Ruzdjak and E. Tandberg-Hanssen (Eds.), IAU Colloq. 117: Dynamics of Quiescent Prominences, Vol. 363, 271 1990LNP. .363. .271H ADS
- de Bruyne, P. & Hood, A. W., "Magnetohydrodynamic Stability of Line-Tied Prominence Magnetic Fields", in V. Ruzdjak and E. Tandberg-Hanssen (Eds.), IAU Colloq. 117: Dynamics of Quiescent Prominences, Vol. 363, 270 1990LNP. .363. .270D ADS
- Browning, P. K. & Hood, A. W., "The shape of twisted, line-tied coronal loops", 1989SoPh. .124. .271B ADS
- de Bruyne, P. & Hood, A. W., "Bounds on the Ideal Magnetohydrodynamic Stability of Line-Tied 2-D Coronal Magnetic Fields", 1989SoPh. .123. .241D ADS
- Lothian, R. M. & Hood, A. W., "Twisted Magnetic Flux Tubes - Effect of Small Twist", 1989SoPh. .122. .227L ADS
- Hood, A. W., van der Linden, R., & Goossens, M., "A formulation of non-ideal localized (or ballooning) modes in the solar corona", 1989SoPh. .120. .261H ADS
- Priest, E. R., Hood, A. W., & Anzer, U., "A Twisted Flux-Tube Model for Solar Prominences. I. General Properties", 1989ApJ. .344. 1010P ADS
- Cargill, P. J. & Hood, A. W., "Magnetic and Boundary Effects on Thermal Instabilities in Solar Magnetic Fields - Localized Modes in a Slab Geometry", 1989SoPh. .124. .101C ADS
- Steele, C. D. C., Hood, A. W., Priest, E. R., & Amari, T., "Non-equilibrium of a cylindrical magnetic arcade", 1989SoPh. .123. .127S ADS
- Velli, M. & Hood, A. W., "Resistive Tearing in Line-Tied Magnetic Fields - Slab Geometry", 1989SoPh. .119. .107V ADS
- de Bruyne, P. & Hood, A. W., "Simple Tests for the Ideal Magnetohydrodynamic Stability of Line-Tied Coronal Magnetic Fields", 1989SoPh. .119. .87D ADS

- Velli, M., Einaudi, G., & Hood, A. W., "Can resistive kink instabilities drive simple loop flares?", 1989sasf.confP.305V [ADS](#)
- Priest, E. R., Gaizauskas, V., Hagyard, M. J., et al., "Preflare activity.", 1989epos.conf....1P [ADS](#)
- Hood, A. W. & Anzer, U., "A Model for Quiescent Solar Prominences with Normal Polarity", 1989HvaOB..13..281H [ADS](#)
- de Bruyne, P. & Hood, A. W., "MHD Stability of Line-Tied Prominence Magnetic Fields", 1989HvaOB..13..269D [ADS](#)
- Velli, M., Hood, A. W., & Einaudi, G., "On the MHD Stability of the $M=1$ Kink Mode in Finite Length Coronal Loops", 1989ESASP.285..105V [ADS](#)
- Hood, A. W., "Stability and eruption of prominences", 1989ASSL..150..167H [ADS](#)
- van der Linden, R., Goossens, M., & Hood, A. W., "The Effects of Parallel and Perpendicular Viscosity on Resistive Ballooning Modes in Line-Tied Coronal Magnetic Fields", 1988SoPh..115..235V [ADS](#)
- Hood, A. & Anzer, U., "Thermal Condensations in Coronal Magnetic Fields", 1988SoPh..115..61H [ADS](#)
- Hood, A., "Stability and eruption of prominences.", 1988dssp.conf..147H [ADS](#)
- Hood, A. & Anzer, U., "The stability of line tied force-free cylindrical arcades: Is an active region filament a requirement for a two-ribbon flare?", 1987SoPh..111..333H [ADS](#)
- Velli, M. & Hood, A. W., "Resistive Ballooning Modes in Line-Tied Coronal Fields - Part Two", 1987SoPh..109..351V [ADS](#)
- Vanderlinden, R., Goossens, M., & Hood, A. W., "The effects of viscosity on resistive ballooning modes in line-tied coronal magnetic fields.", 1987ESASP.275..109V [ADS](#)
- Anzer, U. & Hood, A. W., "Stability of Magnetic Arcades", 1987rfsm.conf..248A [ADS](#)
- Hood, A. W., "Stability and Eruption of Prominences", 1987dssp.work..147H [ADS](#)
- Melville, J. P., Hood, A. W., & Priest, E. R., "The effect of gravity on the stability of a line-tied coronal magnetohydrostatic equilibrium", 1987GApFD..39..83M [ADS](#)
- Priest, E. R., Cargill, P., Forbes, T. G., Hood, A. W., & Steinolfson, R. S., "Magnetohydrodynamic instability", 1986epos.conf..1.3P [ADS](#)
- Hood, A. W., "The stability of coronal and prominence magnetic fields.", 1986NASCP2442..457H [ADS](#)
- Cargill, P. J., Hood, A. W., & Migliuolo, S., "The Magnetohydrodynamic Stability of Coronal Arcades. III. Sheared Equilibrium Fields", 1986ApJ...309..402C [ADS](#)
- Velli, M. & Hood, A. W., "Resistive Ballooning Modes in Line-Tied Coronal Fields - Part One - Arcades", 1986SoPh..106..353V [ADS](#)
- Hood, A. W., "Photospheric Line-Tying Conditions for the Magnetohydrodynamic Stability of Coronal Magnetic Fields", 1986SoPh..105..307H [ADS](#)
- Melville, J. P., Hood, A. W., & Priest, E. R., "The Ideal Magnetohydrodynamic Stability of a Line-Tied Coronal Magnetohydrostatic Equilibrium", 1986SoPh..105..291M [ADS](#)
- Hood, A. W., "Ballooning Instabilities in the Solar Corona - Conditions for Stability", 1986SoPh..103..329H [ADS](#)
- Priest, E. R., Gaizauskas, V., Hagyard, M. J., et al., "Preflare activity.", 1986NASCP2439....1P [ADS](#)
- Melville, J., Hood, A., & Priest, E. R., "Criteria for the stability of a line-tied magnetohydrostatic equilibrium in the solar corona", 1986AdSpR...6f..49M [ADS](#)
- Forbes, T. G., Priest, E. R., & Hood, A. W., "Corrigendum", 1985JPlPh..34..481F [ADS](#)
- Hood, A. W., "MHD instabilities.", 1985ssmf.conf...80H [ADS](#)
- Cargill, P. J., Migliuolo, S., & Hood, A. W., "Activation of Solar Flares", 1984ESASP.207...57C [ADS](#)
- Migliuolo, S., Cargill, P. J., & Hood, A. W., "Magnetohydrodynamic stability of line-tied coronal arcades. II - Shearless magnetic fields", 1984ApJ...281..413M [ADS](#)
- Melville, J. P., Hood, A. W., & Priest, E. R., "Magnetohydrostatic Structures in the Solar Atmosphere", 1984SoPh...92...15M [ADS](#)
- Hood, A. W., "An energy method for the stability of solar magneto hydrostatic atmospheres", 1984GApFD..28..223H [ADS](#)
- Hood, A. W., "The stability of magnetic fields relevant to two-ribbon flares", 1984AdSpR...4g..49H [ADS](#)
- Hood, A. W., "The Stability of Magnetohydrostatic Atmospheres", 1983SoPh...89..235H [ADS](#)
- Melville, J. P., Hood, A. W., & Priest, E. R., "Magnetic equilibrium in coronal arcades.", 1983SoPh...87..301M [ADS](#)
- Hood, A. W., "Magnetic stability of coronal arcades relevant to two-ribbon flares.", 1983SoPh...87..279H [ADS](#)
- Forbes, T. G., Priest, E. R., & Hood, A. W., "Evolution of current sheets following the onset of enhanced resistivity", 1982JPlPh..27..157F [ADS](#)
- Hood, A. W., Priest, E. R., & Einaudi, G., "Effect of pressure gradients and line-tying on the magnetic stability of coronal loops", 1982GApFD..20..247H [ADS](#)
- Hood, A. W. & Priest, E. R., "Thermal Nonequilibrium - a Trigger for Solar Flares", 1981SoPh...73..289H [ADS](#)
- Hood, A. W. & Priest, E. R., "Critical conditions for magnetic instabilities in force-free coronal loops", 1981GApFD..17..297H [ADS](#)
- Hood, A. W. & Priest, E. R., "Solar flares: magnetohydrodynamic instabilities.", 1981ASIC...68..509H [ADS](#)
- Hood, A. W. & Priest, E. R., "Are solar coronal loops in thermal equilibrium", 1980A&A...87..126H [ADS](#)
- Hood, A. W. & Priest, E. R., "Magnetic instability of coronal arcades as the origin of two-ribbon flares", 1980SoPh...66..113H [ADS](#)
- Hood, A. W.: 1980a. "Solar coronal loops", Ph.D. thesis, Saint Andrews University, UK 1980PhDT.....165H [ADS](#)
- Hood, A. W., "Thermal equilibrium and non equilibrium in coronal loops.", 1980AnPh...5..447H [ADS](#)
- Hood, A. W. & Priest, E. R., "Kink Instability of Solar Coronal Loops as the Cause of Solar Flares", 1979SoPh...64..303H [ADS](#)
- Hood, A. W. & Priest, E. R., "The equilibrium of solar coronal magnetic loops.", 1979A&A...77..233H [ADS](#)
- Tissot, B., Deroo, G., & Hood, A., "Geochemical study of the Uinta Basin: formation of petroleum from the Green River formation", 1978GeCoA..42.1469T [ADS](#)