

Bibliography from ADS file: demoortel.bib
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- Pascoe, D. J., De Moortel, I., Pagano, P., & Howson, T. A., “Propagating Alfvén waves in open structures with random structuring”, 2022MNRAS.tmp.2248P ADS
- Howson, T. A. & De Moortel, I., “The effects of driving time scales on coronal heating in a stratified atmosphere”, 2022A&A...661A.144H ADS
- Pascoe, D. J., Van Doorselaere, T., & De Moortel, I., “Coronal Seismology Using Damping of Propagating Kink Waves”, 2022ApJ...929..101P 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
- Johnston, C., Hood, A., De Moortel, I., & Daldorff, L., “A Fast and Accurate Method to Capture the Solar Corona/Transition Region Entropy Exchange in Multi-dimensional Magnetohydrodynamic Simulations”, 2021AGUFM12B..03J ADS
- Fyfe, L. E., Howson, T. A., & De Moortel, I., “Forward modelling of heating within a coronal arcade”, 2021A&A...656A.120F ADS
- Howson, T. A., De Moortel, I., & Pontin, D. I., “Magnetic reconnection and the Kelvin-Helmholtz instability in the solar corona”, 2021A&A...656A.112H ADS
- Fyfe, L. E., Howson, T. A., De Moortel, I., Pant, V., & Van Doorselaere, T., “Investigating coronal wave energy estimates using synthetic non-thermal line widths”, 2021A&A...656A..56F ADS
- Banerjee, D., Krishna Prasad, S., Pant, V., et al., “Magnetohydrodynamic Waves in Open Coronal Structures”, 2021SRv...217...76B 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
- Viall, N. M., De Moortel, I., Downs, C., et al., “The Heating of the Solar Corona”, 2021GMS...258...35V ADS
- Van Doorselaere, T., Srivastava, A. K., Antolin, P., et al., “Coronal Heating by MHD Waves”, 2020SRv...216...140V ADS
- Fyfe, L. E., Howson, T. A., & De Moortel, I., “Forward modelling of MHD waves in braided magnetic fields”, 2020A&A...643A..86F ADS
- Howson, T. A., De Moortel, I., & Fyfe, L. E., “The effects of driving time scales on heating in a coronal arcade”, 2020A&A...643A..85H ADS
- Pagano, P., De Moortel, I., & Morton, R. J., “Effect of coronal loop structure on wave heating through phase mixing”, 2020A&A...643A..73P ADS
- De Moortel, I., Falconer, I., & Stack, R., “Alfvén on heating by waves”, 2020A&G...61b2.34D ADS
- Howson, T. A., De Moortel, I., & Reid, J., “Phase mixing and wave heating in a complex coronal plasma”, 2020A&A...636A..40H ADS
- Van Damme, H. J., De Moortel, I., Pagano, P., & Johnston, C. D., “Chromospheric evaporation and phase mixing of Alfvén waves in coronal loops”, 2020A&A...635A.174V 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
- Howson, T. A., De Moortel, I., Antolin, P., Van Doorselaere, T., & Wright, A. N., “Resonant absorption in expanding coronal magnetic flux tubes with uniform density”, 2019A&A...631A.105H ADS
- Howson, T. A., De Moortel, I., Reid, J., & Hood, A. W., “Magnetohydrodynamic waves in braided magnetic fields”, 2019A&A...629A..60H ADS
- Pagano, P., Van Damme, H. J., Antolin, P., & De Moortel, I., “MHD simulations of the in situ generation of kink and sausage waves in the solar corona by collision of dense plasma clumps”, 2019A&A...626A..53P 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
- Prokopszyn, A. P. K., Hood, A. W., & De Moortel, I., “Phase mixing of non-linear Alfvén waves”, 2019A&A...624A..90P ADS
- Pagano, P. & De Moortel, I., “Contribution of observed multi frequency spectrum of Alfvén waves to coronal heating”, 2019A&A...623A..37P ADS
- Guo, M., Van Doorselaere, T., Karamelas, K., et al., “Heating Effects from Driven Transverse and Alfvén Waves in Coronal Loops”, 2019ApJ...870...55G ADS
- Pagano, P., Pascoe, D. J., & De Moortel, I., “Contribution of phase-mixing of Alfvén waves to coronal heating in multi-harmonic loop oscillations”, 2018A&A...616A.125P ADS
- Antolin, P., Pagano, P., & De Moortel, I., “Reconnection Microjets in the Solar Corona”, 2018cosp...42E..96A ADS
- Antolin, P., Pagano, P., De Moortel, I., & Nakariakov, V. M., “In Situ Generation of Transverse Magnetohydrodynamic Waves from Colliding Flows in the Solar Corona”, 2018ApJ...861L..15A ADS
- Martínez-Sykora, J., De Pontieu, B., De Moortel, I., Hansteen, V. H., & Carlsson, M., “Impact of Type II Spicules in the Corona: Simulations and Synthetic Observables”, 2018ApJ...860..116M ADS
- Antolin, P., Schmit, D., Pereira, T. M. D., De Pontieu, B., & De Moortel, I., “Transverse Wave Induced Kelvin-Helmholtz Rolls in Spicules”, 2018ApJ...856...44A ADS
- De Pontieu, B., Martínez-Sykora, J., De Moortel, I., Chintzoglou, G., & McIntosh, S. W., “Observations and Modeling of Transition Region and Coronal Heating Associated with Spicules”, 2017AGUFM143A2793D ADS
- Threlfall, J., De Moortel, I., & Conlon, T., “Above the Noise: The Search for Periodicities in the Inner Heliosphere”, 2017SoPh...292..165T ADS
- Howson, T. A., De Moortel, I., & Antolin, P., “Energetics of the Kelvin-Helmholtz instability induced by transverse waves in twisted coronal loops”, 2017A&A...607A..77H ADS
- De Pontieu, B., De Moortel, I., Martínez-Sykora, J., & McIntosh, S. W., “Observations and Numerical Models of Solar Coronal Heating Associated with Spicules”, 2017ApJ...845L..18D 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
- Howson, T. A., De Moortel, I., & Antolin, P., “The effects of resistivity and viscosity on the Kelvin-Helmholtz instability in oscillating coronal loops”, 2017A&A...602A..74H ADS
- Pagano, P. & De Moortel, I., “Contribution of mode-coupling and phase-mixing of Alfvén waves to coronal heating”, 2017A&A...601A.107P ADS
- Pagano, P. & De Moortel, I., “Contribution of mode coupling and phase-mixing of Alfvén waves to coronal heating”, 2017EGUGA...19.9255P ADS
- Antolin, P., De Moortel, I., Van Doorselaere, T., & Yokoyama, T., “Observational signatures of transverse MHD waves and associated dynamic instabilities”, 2017arXiv170200775A ADS
- Antolin, P., De Moortel, I., Van Doorselaere, T., & Yokoyama, T., “Observational Signatures of Transverse Magnetohydrodynamic Waves and Associated Dynamic Instabilities in Coronal Flux Tubes”, 2017ApJ...836..219A ADS
- De Moortel, I., “IRIS and SDO observations of coronal heating associated with spicules”, 2017psio.confE...55D ADS
- Komm, R., De Moortel, I., Fan, Y., Ilonidis, S., & Steiner, O., “Sub-photosphere to Solar Atmosphere Connection”, in M. J. Thompson, A. S. Brun, J. L. Culhane, L. Gizon, M. Roth, and T. Sekii (Eds.), Helioseismology and Dynamics of the Solar Interior. Series: Space Sciences Series of ISSI, Vol. 48, 173–205 2017hdsi.book..173K ADS
- Fischer, C. E., Müller, D., & De Moortel, I., “JPEG2000 Image Compression on Solar EUV Images”, 2017SoPh...292...16F 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
- Antolin, P., Mehta, T., Conlon, T., & De Moortel, I., “Reconnection Microjets in the Pre-eruption Phase of a Prominence/Coronal Rain Complex”, 2016AGUFM143C2582A ADS
- De Pontieu, B., De Moortel, I., & McIntosh, S. W., “IRIS and SDO/AIA observations of coronal heating associated with spicules”, 2016AGUFM142B..07D ADS
- Antolin, P., De Moortel, I., Van Doorselaere, T., & Yokoyama, T., “Modeling Observed Decay-less Oscillations as Resonantly Enhanced Kelvin-Helmholtz Vortices from Transverse MHD Waves and Their Seismological Application”, 2016ApJ...830L..22A ADS
- O’Hara, J. P. & De Moortel, I., “Impact of flux distribution on elementary heating events”, 2016A&A...594A...670 ADS
- Bryans, P., McIntosh, S. W., De Moortel, I., & De Pontieu, B., “On the Connection between Propagating Solar Coronal Disturbances and Chromospheric Footpoints”, 2016ApJ...829L..18B ADS
- Cargill, P. J., De Moortel, I., & Kiddie, G., “Coronal Density Structure and its Role in Wave Damping in Loops”, 2016ApJ...823...31C ADS
- De Moortel, I., Pascoe, D. J., Wright, A. N., & Hood, A. W., “Transverse, propagating velocity perturbations in solar coronal loops”, 2016PPCF...58a4001D ADS
- Komm, R., De Moortel, I., Fan, Y., Ilonidis, S., & Steiner, O., “Sub-photosphere to Solar Atmosphere Connection”, 2015SSRv...196..167K ADS
- O’Hara, J. & De Moortel, I., “Impact of Flux Distribution on Elementary Heating Events”, 2015IAUGA...22548610 ADS
- Liu, J., McIntosh, S. W., De Moortel, I., & Wang, Y., “On the Parallel and Perpendicular Propagating Motions Visible in Polar Plumes: An Incubator For (Fast) Solar Wind Acceleration?”, 2015ApJ...806..273L 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
- De Moortel, I. & Browning, P., “Recent advances in coronal heating”, 2015RSPTA.37340269D ADS

- De Moortel, I., Antolin, P., & Van Doorslaere, T., "Observational Signatures of Waves and Flows in the Solar Corona", 2015SoPh..290..399D ADS
- Liu, J., McIntosh, S. W., De Moortel, I., Threlfall, J., & Bethge, C., "Statistical Evidence for the Existence of Alfvénic Turbulence in Solar Coronal Loops", 2014ApJ...797....7L ADS
- Pascoe, D. J. & De Moortel, I., "Standing Kink Modes in Three-dimensional Coronal Loops", 2014ApJ...784..101P ADS
- De Moortel, I., McIntosh, S. W., Threlfall, J., Bethge, C., & Liu, J., "Potential Evidence for the Onset of Alfvénic Turbulence in Trans-equatorial Coronal Loops", 2014ApJ...782L..34D ADS
- McIntosh, S. W., Bethge, C., Threlfall, J., et al., "The Evolving Magnetic Scales of the Outer Solar Atmosphere and Their Potential Impact on Heliospheric Turbulence", 2013arXiv1311.2538M ADS
- Threlfall, J., De Moortel, I., McIntosh, S. W., & Bethge, C., "First comparison of wave observations from CoMP and AIA/SDO", 2013A&A...556A.124T 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
- Jess, D. B., De Moortel, I., Mathioudakis, M., et al., "The Source of 3 Minute Magnetoacoustic Oscillations in Coronal Fans", 2012ApJ...757..160J ADS
- Kiddie, G., De Moortel, I., Del Zanna, G., McIntosh, S. W., & Whittaker, I., "Propagating Disturbances in Coronal Loops: A Detailed Analysis of Propagation Speeds", 2012SoPh..279..427K ADS
- Threlfall, J., Parnell, C. E., De Moortel, I., McClements, K. G., & Arber, T. D., "Nonlinear wave propagation and reconnection at magnetic X-points in the Hall MHD regime", 2012A&A...544A..24T ADS
- Parnell, C. E. & De Moortel, I., "A contemporary view of coronal heating", 2012RSPTA.370.3217P ADS
- De Moortel, I. & Nakariakov, V. M., "Magnetohydrodynamic waves and coronal seismology: an overview of recent results", 2012RSPTA.370.3193D ADS
- , "The Fifth Hinode Science Meeting", 2012ASPC..456....G ADS
- De Moortel, I., "Coupling, damping and dissipation of magnetic waves in the chromosphere and corona", 2012decs.confE..46D ADS
- De Moortel, I., "What we can and cannot learn from seismology of the solar atmosphere", 2012decs.confE..45D 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
- De Moortel, I. & Pascoe, D. J., "The Effects of Line-of-sight Integration on Multistrand Coronal Loop Oscillations", 2012ApJ...746...31D ADS
- Martens, P. C. H., Attrill, G. D. R., Davey, A. R., et al., "Computer Vision for the Solar Dynamics Observatory (SDO)", 2012SoPh..275...79M 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
- Cargill, P. & de Moortel, I., "Solar physics: Waves galore", 2011Natur.475..463C ADS
- Pascoe, D. J., Wright, A. N., & De Moortel, I., "Coupled Alfvén and kink oscillations in an inhomogeneous corona", 2011IAUS..274..129P ADS
- Marsh, M. S., De Moortel, I., & Walsh, R. W., "Observed Damping of the Slow Magnetoacoustic Mode", 2011ApJ...734...81M ADS
- Pascoe, D. J., Wright, A. N., & De Moortel, I., "Propagating Coupled Alfvén and Kink Oscillations in an Arbitrary Inhomogeneous Corona", 2011ApJ...731...73P ADS
- McLaughlin, J. A., de Moortel, I., & Hood, A. W., "Phase mixing of nonlinear visco-resistive Alfvén waves", 2011A&A...527A.149M ADS
- Threlfall, J., McClements, K. G., & De Moortel, I., "Alfvén wave phase-mixing and damping in the ion cyclotron range of frequencies", 2011A&A...525A.155T 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
- 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
- Pascoe, D. J., Wright, A. N., & De Moortel, I., "Coupled Alfvén and Kink Oscillations in Coronal Loops", 2010ApJ...711..990P ADS
- Davey, A., Martens, P. C. H., Attrill, G. D. R., et al., "Automated Feature and Event Detection with SDO AIA and HMI Data", 2010cosp...38.2878D ADS
- de Moortel, I., "Longitudinal Waves in Coronal Loops", 2009SSRv..149...65D ADS
- Pascoe, D. J., de Moortel, I., & McLaughlin, J. A., "Impulsively generated oscillations in a 3D coronal loop", 2009A&A...505..319P ADS
- De Moortel, I. & Pascoe, D. J., "Putting Coronal Seismology Estimates of the Magnetic Field Strength to the Test", 2009ApJ...699L..72D ADS
- Martens, P. C., Angryk, R. A., Bernasconi, P. N., et al., "Computer Vision for The Solar Dynamics Observatory", 2009SPD...40.1711M 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
- De Moortel, I. & Bradshaw, S. J., "Forward Modelling of Coronal Intensity Perturbations", 2008SoPh..252..101D ADS
- De Moortel, I., "Coronal Seismology", 2008ESPM...12.3.26D ADS
- De Moortel, I., Browning, P., Bradshaw, S. J., Pintér, B., & Kontar, E. P., "The way forward for coronal heating", 2008A&G...49c..21D ADS
- De Moortel, I., "Coronal Loop Seismology: Selective Examples", 2008ASPC..383..266D ADS
- De Moortel, I. & Rosner, R., "An Estimate of P-Mode Damping by Wave Leakage", 2007SoPh..246...53D ADS
- Wilmot-Smith, A. L. & De Moortel, I., "Magnetic reconnection in flux-tubes undergoing spinning footpoint motions", 2007A&A...473..615W ADS
- De Moortel, I. & Brady, C. S., "Observation of Higher Harmonic Coronal Loop Oscillations", 2007ApJ...664.1210D ADS
- Welsch, B., De Moortel, I., & McTiernan, J. M., "Magnetic Field Extrapolations And Current Sheets", 2007AAS...210.9101W ADS
- De Moortel, I. & Galsgaard, K., "Numerical modelling of 3D reconnection. II. Comparison between rotational and spinning footpoint motions", 2006A&A...459..627D ADS
- Maclean, R. C., Parnell, C. E., De Moortel, I., Büchner, J., & Priest, E. R., "Understanding Magnetic Structures in the Solar Corona Through Topological Analysis", 2006ESASP.617E.156M ADS
- De Moortel, I. & Galsgaard, K., "Numerical modelling of 3D reconnection due to rotational footpoint motions", 2006A&A...451.1101D ADS
- McEwan, M. P. & de Moortel, I., "Longitudinal intensity oscillations observed with TRACE: evidence of fine-scale structure", 2006A&A...448..763M ADS
- De Moortel, I., "Propagating magnetohydrodynamics waves in coronal loops", 2006RSPTA.364..461D ADS
- De Moortel, I. & Galsgaard, K., "3D Numerical Simulations of Coronal Tectonics", 2006IAUS..233..149D ADS
- De Moortel, I., "An overview of coronal seismology", 2005RSPTA.363.2743D ADS
- De Moortel, I. & Galsgaard, K., "D Numerical Simulations of Magnetic Reconnection Driven by Rotational Footpoint Motions", 2005ESASP.600E..22D ADS
- De Moortel, I. & Galsgaard, K., "Numerical Simulations of 3d Magnetic Reconnection due to Rotational Driving", 2005ESASP.596E..31D ADS
- De Pontieu, B., Erdélyi, R., & De Moortel, I., "How to Channel Photospheric Oscillations into the Corona", 2005ApJ...624L..61D ADS
- De Pontieu, B., Erdélyi, R., De Moortel, I., & Metcalf, T., "Tracing Coronal Waves Back to the Photosphere", 2005AGUFMSH11C..03D ADS
- Klimchuk, J. A., Tanner, S. E. M., & De Moortel, I., "Coronal Seismology and the Propagation of Acoustic Waves along Coronal Loops", 2004ApJ...616.1232K ADS
- Klimchuk, J. A., Tanner, S. E., & De Moortel, I., "Coronal Seismology and the Propagation of Acoustic Waves Along Coronal Loops", 2004AGUFMSH24A..06K ADS
- De Pontieu, B., Erdélyi, R., De Moortel, I., & Metcalf, T., "Photospheric Oscillations in the Solar Atmosphere: Driving Chromospheric Spicules and Coronal Waves", 2004AGUFMSH13A1142D 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
- De Moortel, I. & McAteer, R. T. J., "Waves and wavelets: An automated detection technique for solar oscillations", 2004SoPh..223....1D ADS
- De Moortel, I., Munday, S. A., & Hood, A. W., "Wavelet Analysis: the effect of varying basic wavelet parameters", 2004SoPh..222..203D ADS
- Klimchuk, J. A., Tanner, S. E. M., & De Moortel, I., "Acoustic Wave Interpretation of Propagating Intensity Disturbances in Coronal Loops", 2004AAS...204.9503K 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
- Marsh, M. S., Walsh, R. W., De Moortel, I., & Ireland, J., "Longitudinal Oscillations in Coronal Loops - Joint Observations with SOHO/CDS and TRACE", 2004ESASP.547..519M 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](#)
- Ireland, J., De Moortel, I., Walsh, R. W., & Moretti, P. F., “A Search for Photospheric Sources of Coronal Longitudinal Oscillations”, 2004ESASP.547...57I [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](#)
- Marsh, M. S., Walsh, R. W., De Moortel, I., & Ireland, J., “Joint observations of propagating oscillations with SOHO/CDS and TRACE”, 2003A&A...404L..37M [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](#)
- 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](#)
- Ireland, J., Walsh, R. W., De Moortel, I., & Moretti, P. F., “Examination of the photospheric magnetic field underlying longitudinally oscillating coronal loops”, 2002ESASP.505..429I [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](#)
- Ireland, J. & De Moortel, I., “Application of wavelet analysis to transversal coronal loop oscillations”, 2002A&A...391..339I [ADS](#)
- Ireland, J., Walsh, R. W., De Moortel, I., & Moretti, P. F., “Preliminary description of Kanzelhöhe/MDI magnetograms and the search for sources of coronal oscillations”, 2002ESASP.508..299I [ADS](#)
- De Moortel, I., Ireland, J., & Walsh, R. W., “Trace observations of propagating slow magneto-acoustic disturbances in coronal loops”, 2002ESASP.508..275D [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](#)
- De Moortel, I., Hood, A. W., & Ireland, J., “Coronal seismology through wavelet analysis”, 2002A&A...381..311D [ADS](#)
- De Moortel, I. & Hood, A. W., “Wavelet analysis and the determination of coronal plasma properties”, 2000A&A...363..269D [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., Walsh, R. W., & Ireland, J., “Observation of oscillations in coronal loops”, 2000AIPC..537..216D [ADS](#)
- De Moortel, I., Ireland, J., & Walsh, R. W., “Observation of oscillations in coronal loops”, 2000A&A...355L..23D [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](#)
- 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](#)