

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

- Particle Data Group, Zyla, P. A., Barnett, R. M., et al., "Review of Particle Physics", 2020PTEP.2020h3C01P [ADS](#)
- Goodman, M. L., Kwan, C., Ayhan, B., & Shang, E. L., "A new approach to solar flare prediction", 2020FrPhy..1534601G [ADS](#)
- Tanabashi, M., Hagiwara, K., Hikasa, K., et al., "Review of Particle Physics\*", 2018PhRvD..98c0001T [ADS](#)
- Abrahão, T., Almazan, H., dos Anjos, J. C., et al., "Cosmic-muon characterization and annual modulation measurement with Double Chooz detectors", 2017JCAP...02..017A [ADS](#)
- Habig, A., Goodman, M., & NOvA Collaboration, "Neutrino Oscillations in the NOvA experiment", 2017ICRC...35.1023H [ADS](#)
- Habig, A., Goodman, M., Schreiner, P., et al., "Seasonal Variation of Multiple-Muon Events in MINOS and NOvA", 2017ICRC...35..200H [ADS](#)
- Goodman, M. L., Kwan, C., Ayhan, B., & Eric, S. L., "Photospheric Current Spikes And Their Possible Association With Flares - Results from an HMI Data Driven Model", 2016AGUFMSH31B2562G [ADS](#)
- Goodman, M., "Basic Properties of Plasma-Neutral Coupling in the Solar Atmosphere", 2015TESS....140001G [ADS](#)
- Goodman, M. L., "Acceleration of Type 2 Spicules in the Solar Chromosphere. II. Viscous Braking and Upper Bounds on Coronal Energy Input", 2014ApJ...785..87G [ADS](#)
- Goodman, M. L., "Acceleration of Type II Spicules in the Solar Chromosphere", 2012AGUFMSH33D2258G [ADS](#)
- Goodman, M. L., "Acceleration of Type II Spicules in the Solar Chromosphere", 2012ApJ...757..188G [ADS](#)
- Goodman, M. L. & Judge, P. G., "Radiating Current Sheets in the Solar Chromosphere", 2012ApJ...751..75G [ADS](#)
- Goodman, M. L. & Judge, P. G., "Radiating Current Sheets in the Solar Chromosphere", 2012AA...22052116G [ADS](#)
- Goodman, M. L., "Conditions for Photospherically Driven Alfvénic Oscillations to Heat the Solar Chromosphere by Pedersen Current Dissipation", 2011ApJ...735..45G [ADS](#)
- Goodman, M. L., "Conditions for Photospherically Driven Alfvénic Oscillations to Heat the Chromosphere by Pedersen Current Dissipation", 2011SPD...42.1704G [ADS](#)
- Goodman, M. L., "Analytic Solutions for Current Sheet Structure Determined by Self-consistent, Anisotropic Transport Processes in a Gravitational Field", 2011ApJ...731..19G [ADS](#)
- Goodman, M. L. & Kazeminezhad, F., "Anisotropic transport processes in the chromosphere and overlying atmosphere", 2010MmSAI..81..631G [ADS](#)
- Goodman, M. L. & Kazeminezhad, F., "Simulation of Magnetohydrodynamic Shock Wave Generation, Propagation, and Heating in the Photosphere and Chromosphere Using a Complete Electrical Conductivity Tensor", 2010ApJ...708..268G [ADS](#)
- Goodman, M. & Ignace, R., "Models for the Spectral Energy Distribution of Disks at Long Wavelengths", 2010AA...21542806G [ADS](#)
- Goodman, M. L., "MHD Model Estimates of the Contribution of Driven, Linear, Non-Plane Wave Dissipation to Chromospheric Heating Using a Complete Electrical Conductivity Tensor", 2008AGUFMSH51C..07G [ADS](#)
- Kazeminezhad, F. & Goodman, M. L., "MHD Simulations of Shock Wave Generation, Propagation, and Heating in the Photosphere and Chromosphere Using a Complete Electrical Conductivity Tensor", 2008AGUFMSH41A1608K [ADS](#)
- Kazeminezhad, F. & Goodman, M. L., "Magnetohydrodynamic Simulations of Solar Chromospheric Dynamics Using a Complete Electrical Conductivity Tensor", 2006ApJS..166..613K [ADS](#)
- Yao, W. M., Amsler, C., Asner, D., et al., "Review of Particle Physics", 2006JPhG...33..1Y [ADS](#)
- Kazeminezhad, F. & Goodman, M., "MHD Simulations of Chromospheric Dynamics Using a Complete Electrical Conductivity Tensor", 2006SPD...37..0204K [ADS](#)
- Goodman, M. L., "Self-consistent Magnetohydrodynamic Modeling of Current Sheet Structure and Heating Using Realistic Descriptions of Transport Processes", 2005ApJ...632.1168G [ADS](#)
- Goodman, M., "Megaton Water Cerenkov Detectors and Astrophysical Neutrinos", 2005NuPhS.145..335G [ADS](#)
- Kazeminezhad, F. & Goodman, M. L., "Investigation of Solar Coronal Heating Using a Time Dependent MHD Model with Full Conductivity Tensor", 2005AGUSMSP41A..07K [ADS](#)
- Goodman, M. L., "Self Consistent Modeling of Current Sheet Structure and Transport Processes", 2005AGUSMSP22A..05G [ADS](#)
- Goodman, M. L., "Chromospheric Heating, Transport Processes, and Small Scale Magnetic Fields", 2005AGUSMSH11C..01G [ADS](#)
- Goodman, M. L., "On the creation of the chromospheres of solar type stars", 2004A&A...424..691G [ADS](#)
- Particle Data Group, Eidelman, S., Hayes, K. G., et al., "Review of Particle Physics", 2004PhLB..592...1P [ADS](#)
- Goodman, M. L., "On the Creation of the Chromospheres of Solar Type Stars", 2004AAS...204.2904G [ADS](#)
- Goodman, M. L., "On the efficiency of plasma heating by Pedersen current dissipation from the photosphere to the lower corona", 2004A&A...416.1159G [ADS](#)
- Goodman, M. L., "Predictions of Heating Rates in Localized Magnetic Structures From The Photosphere To The Upper Chromosphere", 2003SPD...34.1105G [ADS](#)
- Fontenla, J. M., Avrett, E. H., Goodman, M., et al., "Physical Modeling of the Solar Radiation, Current Status and Prospects", 2003SPD...34.0301F [ADS](#)
- Goodman, M., "Overview of Future Neutrino Experiments", 2003psc..confE..66G [ADS](#)
- Goodman, M. L., "Plasma Heating by Pedersen Current Dissipation From the Photosphere to the Upper Chromosphere", 2002AGUFMSH52A0477G [ADS](#)
- Chung, J., Fields, T., & Goodman, M., "Search for Nucleon Decay and n-bar Oscillation in Soudan 2", 2001ICRC...4.1463C [ADS](#)
- Demuth, D. & Goodman, M., "Horizontal Muons in Soudan 2 and Search for AGN Neutrinos", 2001ICRC...3.1089D [ADS](#)
- Goodman, M. & Soudan 2 Collaboration, "Atmospheric Neutrinos in Soudan 2", 2001ICRC...3.1085G [ADS](#)
- Goodman, M. L., "The Necessity of Using Realistic Descriptions of Transport Processes in Modeling the Solar Atmosphere, and the Importance of Understanding Chromospheric Heating\*", 2001SSRv...95..79G [ADS](#)
- Goodman, M. L., "Proton Magnetization as the Triggering Mechanism for Chromospheric Network Heating by Pedersen Current Dissipation", 2000SPD...31.0140G [ADS](#)
- Goodman, M. L., "On the Mechanism of Chromospheric Network Heating and the Condition for Its Onset in the Sun and Other Solar-Type Stars", 2000ApJ...533..501G [ADS](#)
- Goodman, M. L., "On the Mechanism of Chromospheric Network Heating, and the Condition for its Onset in the Sun and Other Solar Type Stars", 1999AA...194.2307G [ADS](#)
- Goodman, M. L., "Quantitative Magnetohydrodynamic Modeling of the Solar Transition Region", 1998ApJ...503..938G [ADS](#)
- Goodman, M. L., "Convection driven heating of the solar middle chromosphere by resistive dissipation of large scale electric currents. II.", 1997AA...325..341G [ADS](#)
- Goodman, M. L., "Convection driven heating of the solar middle chromosphere by resistive dissipation of large scale electric currents.", 1997AA...324..311G [ADS](#)
- Goodman, M. L., "MHD Modeling of the Transition Region Using Realistic Transport Coefficients", 1997SPD...28.0604G [ADS](#)
- Goodman, M. L., "Heating of the Solar Middle Chromospheric Network and Internetwork by Large-Scale Electric Currents in Weakly Ionized Magnetic Elements", 1996ApJ...463..784G [ADS](#)
- Goodman, M. L., "Convection Driven Heating of the Solar Middle Chromosphere by Large Scale Electric Currents", 1996AA...188.3607G [ADS](#)
- Goodman, M. L., "A three-dimensional, iterative mapping procedure for the implementation of an ionosphere-magnetosphere anisotropic Ohm's law boundary condition in global magnetohydrodynamic simulations", 1995AnGeo..13..843G [ADS](#)
- Goodman, M. L., "Heating of the Solar Middle Chromosphere by Large-Scale Electric Currents", 1995ApJ...443..450G [ADS](#)
- Crane, D. & Goodman, M., "Long-Baseline Neutrino Oscillation Experiments", 1995pnac.conf..225C [ADS](#)
- Gaisser, T. & Goodman, M., "Neutrino Oscillation Experiments with Atmospheric Neutrinos", 1995pnac.conf..220G [ADS](#)
- "Long-baseline neutrino oscillation experiments", 1994panm.conf.....C [ADS](#)
- Goodman, M. L., "Driven, dissipative, energy-conserving magnetohydrodynamic equilibria. Part 2. The screw pinch", 1993JP1Ph..49..125G [ADS](#)
- Goodman, M. L., "On driven, dissipative, energy-conserving magnetohydrodynamic equilibria", 1992JP1Ph..48..177G [ADS](#)
- Das Gupta, U., Border, P., Johns, K., et al., "Coincidences between extensive air showers and the Soudan 1 underground muon detector", 1992PhRvD..45.1459D [ADS](#)
- Goodman, M., "Combination of Probabilities in Looking for Cosmic Ray Sources", 1991ICRC....2..660G [ADS](#)
- "Signals from cosmic ray sources, some statistical issues", 1990hep..conf.....G [ADS](#)
- Goodman, M., "Cosmic ray air showers in a fine grained calorimeter", in E. W. Kolb, M. S. Turner, D. Lindley, K. Olive, and D. Seckel (Eds.), Inner Space/Outer Space: The Interface between Cosmology and Particle Physics, 568 1986isos.book..568G [ADS](#)
- Goodman, J. A., Tonwar, S. C., Yodh, G. B., et al., "An Experimental Study of Hadrons and Muons Near Shower Cores Using the E-594 Neutrino Detector at Fermilab", 1983ICRC...11..248G [ADS](#)
- Yodh, G. B., Goodman, J. A., Tonwar, S. C., Ellsworth, R. W., & Goodman, M., "An Experimental Study of Hadrons and Muons Near Shower Cores Using the E-594 Neutrino Detector at Fermilab", 1983ICRC...6..70Y [ADS](#)