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

Vukadinović, D., Milić, I., & Atanacković, O., *"Investigating magnetic field inference from the spectral region around the Mg I b_2 line using the weak-field approximation"*, 2022A&A...664A.182V ADS

Tilipman, D., Martínez Pillet, V., Tremblay, B., et al., *"Observational Approach to Computing the Poynting Flux in the Quiet Sun Photosphere"*, 2022cosp...44.2516T ADS

Hofmann, R. A., Reardon, K. P., Milic, I., et al., *"Evaluating Non-LTE Spectral Inversions with ALMA and IBIS"*, 2022ApJ...933..244H ADS

Tilipman, D., Kazachenko, M., Tremblay, B., Martínez-Pillet, V., & Milic, I., *"Quantifying Magnetic Energy Flux in the Quiet Sun Photosphere using Sunrise/IMaX Observations"*, 2021AGUFMSH42B..04T ADS

Felipe, T., Socas Navarro, H., Sangeetha, C. R., & Milic, I., *"Limitations of the Ca II 8542 Å Line for the Determination of Magnetic Field Oscillations"*, 2021ApJ...918...47F ADS

Osborne, C. M. J. & Milić, I., *"The Lightweaver Framework for Nonlocal Thermal Equilibrium Radiative Transfer in Python"*, 2021ApJ...917...14O ADS

Gafeira, R., Orozco Suárez, D., Milić, I., et al., *"Machine learning initialization to accelerate Stokes profile inversions"*, 2021A&A...651A..31G ADS

Sun, X., Liu, Y., Milić, I., & Griñón-Marín, A. B., *"Are the Magnetic Fields Radial in the Solar Polar Region?"*, 2021RNAAS...5..134S ADS

Flint, S. & Milic, I., *"Sparse Representation of HINODE/SOT/SP Spectra Using Convolutional Neural Networks"*, 2021AAS...23821304F ADS

Hofmann, R. A., Reardon, K., & Milic, I., *"ALMA and IRIS Observations Highlighting the Dynamics and Structure of Chromospheric Plage"*, 2021AAS...23820505H ADS

Crowley, J. & Milic, I., *"Looking for Changes in Photospheric Temperature Gradients over Solar Cycle 24 Using Hinode/SP"*, 2021csss.confE.206C ADS

Flint, S. & Milic, I., *"Sparse Representation of HINODE/SOT/SP Spectra Using Convolutional Neural Networks"*, 2021csss.confE.189F ADS

Hofmann, R., Reardon, K., & Milic, I., *"ALMA observations and spectral inversions - what can we learn about the Sun and our techniques?"*, 2020AGUFMSH0010002H ADS

Milić, I. & Gafeira, R., *"Mimicking spectropolarimetric inversions using convolutional neural networks"*, 2020A&A...644A.129M ADS

Felipe, T., Kuckein, C., González Manrique, S. J., Milic, I., & Sangeetha, C. R., *"Chromospheric Resonances above Sunspots and Potential Seismological Applications"*, 2020ApJ...900L..29F ADS

Felipe, T., Kuckein, C., González Manrique, S. J., Milic, I., & Sangeetha, C. R., *"Chromospheric resonant cavities in umbrae: unequivocal detection and seismic applications"*, 2020sea..confE.196F ADS

Molnar, M., Reardon, K. P., Osborne, C., & Milić, I., *"Spectral deconvolution with deep learning: removing the effects of spectral PSF broadening"*, 2020FrASS...7...29M ADS

Dineva, E., Denker, C., Verma, M., et al., *"Sun-as-a-star observations of the 2017 August 21 solar eclipse"*, 2020IAUS..354..473D ADS

Milić, I., Smitha, H. N., & Lagg, A., *"Using the infrared iron lines to probe solar subsurface convection"*, 2019A&A...630A.133M ADS

Milić & Žitnik, I., *"The specific property of motion of resonant asteroids with very slow Yarkovsky drift speeds"*, 2019MNRAS.486.2435M ADS

Milic, I. & Gafeira, R., *"Mimicking spectropolarimetric inversion using convolutional neural networks"*, 2019AAS...23422605M ADS

Milić, I. & van Noort, M., *"Response Functions for NLTE Lines"*, 2019ASPC..526..179M ADS

Kostogryz, N. M., Berdyugina, S. V., Yakobchuk, T. M., & Milić, I., *"Center-to-Limb Continuum Polarization in Solar and Stellar Atmospheres"*, 2019ASPC..526..139K ADS

Boskovic, M., Obuljen, A., Vukadinovic, D., et al., *"Department of astronomy at Petnica science center: 2013-2017"*, 2018POBeo..98..101B ADS

Boskovic, M., Obuljen, A., Vukadinovic, D., et al., *"Department of astronomy at Petnica science center: 2013-2017"*, 2018POBeo..98..101 ADS

Milić, I. & van Noort, M., *"Spectropolarimetric NLTE inversion code SNAPI"*, 2018A&A...617A..24M ADS

Milic, I. & Atanackovic, O., *"Sweep-by-sweep implicit Lambda iteration for non-LTE radiative transfer in 2D Cartesian coordinates"*, 2017POBeo..96..147M ADS

Milić, I. & van Noort, M., *"Line response functions in nonlocal thermodynamic equilibrium. Isotropic case"*, 2017A&A...601A.100M ADS

Kostogryz, N. M., Yakobchuk, T. M., Berdyugina, S. V., & Milic, I., *"Polarimetry of transiting planets: Differences between plane-parallel and spherical host star atmosphere models"*, 2017A&A...601A...6K ADS

Milic, I., *"Response functions for NLTE lines"*, 2017psio.confE..22M ADS

Milić, I., Faurobert, M., & Atanacković, O., *"Inference of magnetic fields in inhomogeneous prominences"*, 2017A&A...597A..31M ADS

Kostogryz, N. M., Milic, I., Berdyugina, S. V., & Hauschildt, P. H., *"Center-to-limb variation of intensity and polarization in continuum spectra of FGK stars for spherical atmospheres"*, 2016A&A...586A..87K ADS

Kostogryz, N. M., Milic, I., Berdyugina, S. V., & Hauschildt, P. H., *"VizieR Online Data Catalog: Center-to-limb polarization of FGK stars (Kostogryz+, 2016)"*, 2016yCat..35860087K ADS

Milić, I. & Faurobert, M., *"Inhomogeneity and velocity fields effects on scattering polarization in solar prominences"*, 2015IAUS..305..238M ADS

Milić, I. & Faurobert, M., *"Scattering line polarization in rotating, optically thick disks"*, 2014A&A...571A..79M ADS

Milić, I. & Atanacković, O., *"Accelerating NLTE radiative transfer by means of the Forth-and-Back Implicit Lambda Iteration: A two-level atom line formation in 2D Cartesian coordinates"*, 2014AdSpR..54.1297M ADS

Milić, I. & Faurober, M., *"Inferring Depth-Dependent Quiet Sun Magnetic Fields"*, 2014ASPC..489..157M ADS

Milić, I. S. & Novaković, B., *"On some dynamical properties of Phocaea asteroids"*, 2014acm..conf..358M ADS

Milic, I.: 2014, *"Ubrzanje metoda za rešavanje problema prenosa polarizovanog zračenja u više dimenzija i njihova primenaUbrzanje metoda za rešavanje problema prenosa polarizovanog zračenja u više dimenzija i njihova primenaAcceleration of methods for multidimensional polarized radiative transfer and their application;"*,, Ph.D. thesis, University of Belgrade, Serbia 2014PhDT.......574M ADS

Milić, I. & Faurobert, M., *"Multidimensional and inhomogeneity effects on scattering polarization in solar prominences"*, 2014IAUS..300..453M ADS

Faurobert, M., Milić, I., & Atanacković, O., *"Boundary conditions for polarized radiative transfer with incident radiation"*, 2013A&A...559A..68F ADS

Milić, I., *"Transfer of polarized line radiation in 2D cylindrical geometry"*, 2013A&A...555A.130M ADS

Milic, I., Obuljen, A., Bozic, N., Smolic, I., & Boskovic, M., *"Observational Astronomy at Petnica Science Center"*, 2013POBeo..92..185M ADS

Damljanovic, G. & Milic, I. S., *"CCD Observations of ERS with the 60 cm Telescope at ASV"*, 2013POBeo..92..161D ADS

Bogdanovic, N., Smolic, I., Bogosavljevic, M., & Milic, I., *"MONECOM: Physical Characteristics Of Main Belt Comets"*, 2013POBeo..92..153B ADS

Damljanovic, G. & Milic, I. S., *"CCD measurements in optical domain and astrometric positions of ICRF2 radio sources"*, 2012jsrs.conf...92D ADS

Damljanovic, G., Milic, I. S., Maigurova, N., Martynov, M., & Pejovic, N., *"Astrometric Positions of ICRF2 Radio Sources with Different Reference Catalogues"*, 2012POBeo..91..191D ADS

Milic, I. & Faurobert, M., *"Resonance Line Polarization in Moving Optically Thick Structures"*, 2012POBeo..91...45M ADS

Milić, I. & Faurobert, M., *"Hanle diagnostics of weak solar magnetic fields: . Inversion of scattering polarization in C_2 and MgH molecular lines"*, 2012A&A...547A..38M ADS

Cvetkovic, Z., Damljanovic, G., Pavlovic, R., et al., *"Focal Length Determination for the 60 cm Telescope at Astronomical Station Vidojevica"*, 2012SerAJ.184...97C ADS

Milić, I. & Faurobert, M., *"Numerical modeling of the linear polarization in molecular lines of the solar flash spectrum"*, 2012EAS....55...65M ADS

Milić, I. & Faurobert, M., *"Modeling scattering polarization in molecular solar lines in spherical geometry"*, 2012A&A...539A..10M ADS

Milić, I. & Faurobert, M., *"Scattering polarization of molecular lines at the solar limb"*, 2011sf2a.conf..401M ADS

Damljanovic, G. & Milic, I. S., *"VizieR Online Data Catalog: Corrected proper motion for HIP stars (Damljanovic+, 2011)"*, 2011yCatp042018201D ADS

Damljanovic, G. & Milic, I. S., *"Corrected mudelta for Stars of Hipparcos Catalogue from Independent Latitude Observations over Many Decades"*, 2011SerAJ.182...35D ADS

Milic, I. S. & Cvetkovic, Z., *"Correlations of Orbital Elements for Visual Double Stars"*, 2010SerAJ.181...69M ADS

Milic, I. & Kotrc, P., *"Comparing Observed Prominence Spectra with Simple Models Computed Using GHV Code"*, 2010POBeo..90..163M ADS

Milic, I., Dejanic, S., & Kotrc, P., *"On Estimation of the Optical Thickness of Solar Prominences"*, 2009POBeo..86..283M ADS

1