

**Bibliography from ADS file: landi-deglinnocenti.bib**  
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- Landini, F., Romoli, M., Baccani, C., et al., “PeNCIL: A Wire Grid Polarimeter at 121.6 nm”, 2019ASPC. .526. .341L ADS
- Li, H., Landi Degl’Innocenti, E., & Qu, Z. Q., “Forbidden Line Polarimetry to Detect the Evolution of the Coronal Magnetic Field”, 2019ASPC. .526. .173L ADS
- Landi Degl’Innocenti, E. & Belluzzi, L., “Relaxation Phenomena Due to Collisions with Neutral Perturbors in Hyperfine Structure Multiplets”, 2019ASPC. .526. .29L ADS
- Li, W., Casini, R., Tomczyk, S., Landi Degl’Innocenti, E., & Marsell, B., “Experimental Testing of Scattering Polarization Models”, 2018ApJ. .867L. .22L ADS
- Li, W., Casini, R., Tomczyk, S., Landi Degl’Innocenti, E., & Marsell, B., “Experimental testing of scattering polarization models”, 2018AAS. .23212305L ADS
- Trujillo Bueno, J., Landi Degl’Innocenti, E., & Belluzzi, L., “The Physics and Diagnostic Potential of Ultraviolet Spectropolarimetry”, in A. Balogh, E. Cliver, G. Petrie, S. Solanki, M. Thompson, and R. von Steiger (Eds.), Solar Magnetic Fields. Series: Space Sciences Series of ISSI, Vol. 57, 183–226 2018smf. .book. .183T ADS
- Trujillo Bueno, J., Landi Degl’Innocenti, E., & Belluzzi, L., “The Physics and Diagnostic Potential of Ultraviolet Spectropolarimetry”, 2017SSRv. .210. .183T ADS
- Li, H., Landi Degl’Innocenti, E., & Qu, Z., “Polarization of Coronal Forbidden Lines”, 2017ApJ. .838. .69L ADS
- Belluzzi, L., Trujillo Bueno, J., & Landi Degl’Innocenti, E., “Radiative Transfer Modeling of the Enigmatic Scattering Polarization in the Solar Na I D1 Line”, 2015ApJ. .814. .116B ADS
- Landi Degl’Innocenti, E., “The Physics of Polarization”, 2015IAUS. .305. .1L ADS
- Belluzzi, L., Landi Degl’Innocenti, E., & Trujillo Bueno, J., “Isotropic Inelastic Collisions in a Multiterm Atom with Hyperfine Structure”, 2015ApJ. .812. .73B ADS
- Romano, P., Zuccarello, F., Guglielmino, S. L., et al., “Recurrent flares in active region NOAA 11283”, 2015A&A. .582A. .55R ADS
- Landi Degl’Innocenti, E., “Polarimetric shapes of spectral lines in solar observations”, 2014AdSpR. .54. 1272L ADS
- Landi Degl’Innocenti, E. & Belluzzi, L., “Theoretical Schemes for the Interpretation of Solar Polarimetric Observations: An Overview and Some New Ideas”, 2014ASPC. .489. .99L ADS
- Casini, R., Landi Degl’Innocenti, M., Manso Sainz, R., Landi Degl’Innocenti, E., & Landolfi, M., “Frequency Redistribution Function for the Polarized Two-term Atom”, 2014ApJ. .791. .94C ADS
- Landi Degl’Innocenti, E.: 2014, *Atomic Spectroscopy and Radiative Processes 2014asrp.book. . . . .L ADS*
- Belluzzi, L., Landi Degl’Innocenti, E., & Trujillo Bueno, J., “Theoretical formulation of Doppler redistribution in scattering polarization within the framework of the velocity-space density matrix formalism”, 2013A&A. .552A. .72B ADS
- Belluzzi, L., Landi Degl’Innocenti, E., & Trujillo Bueno, J., “Isotropic inelastic and superelastic collisional rates in a multiterm atom”, 2013A&A. .551A. .84B ADS
- Landi Degl’Innocenti, E., “Spectropolarimetry with new generation solar telescopes”, 2013MmSAI. .84. .391L ADS
- Khan, A. & Landi Degl’Innocenti, E., “Spectropolarimetric signatures of anisotropic velocity distributions of optically thin coronal UV lines”, 2012A&A. .543A. 158K ADS
- Peter, H., Abbo, L., Andretta, V., et al., “Solar magnetism eXplorer (SolmeX). Exploring the magnetic field in the upper atmosphere of our closest star”, 2012ExA. .33. .271P ADS
- Asensio Ramos, A., Trujillo Bueno, J., & Landi Degl’Innocenti, E.: 2011, *HAZEL: Hanle and Zeeman Light*, Astrophysics Source Code Library, record ascl:1109.004 2011ascl.soft09004A ADS
- Bommier, V., Landi Degl’Innocenti, E., Schmieder, B., & Gelly, B., “Vector magnetic field and vector current density in and around the  $\delta$ -spot NOAA 10808textdagger”, 2011IAUS. .273. .338B ADS
- Khan, A. & Landi Degl’Innocenti, E., “Solar coronal magnetic field diagnostics through polarimetric forward modelling of the Hanle effect”, 2011A&A. .532A. .70K ADS
- Khan, A., Belluzzi, L., Landi Degl’Innocenti, E., Fineschi, S., & Romoli, M., “Spectropolarimetric forward modelling of the lines of the Lyman-series using a self-consistent, global, solar coronal model”, 2011A&A. .529A. .12K ADS
- Bommier, V., Landi Degl’Innocenti, E., Schmieder, B., & Gelly, B., “Magnetic Field, Density Current, and Lorentz Force Full Vector Maps of the NOAA 10808 Double Sunspot: Evidence of Strong Horizontal Current Flows in the Penumbra”, 2011ASPC. .437. .491B ADS
- Landi Degl’Innocenti, E., Belluzzi, L., & Bommier, V., “Polarized Radiative Transfer: from Solar Applications to Laboratory Experiments”, 2011ASPC. .437. .45L ADS
- Sampoorna, M., Trujillo Bueno, J., & Landi Degl’Innocenti, E., “On the Sensitivity of Partial Redistribution Scattering Polarization Profiles to Various Atmospheric Parameters”, 2010ApJ. .722. 1269S ADS
- Belluzzi, L. & Landi Degl’Innocenti, E., “Magnetic field diagnostics through the second solar spectrum: a spectroscopic analysis of the most polarizing atomic lines”, 2010MmSAI. .81. .710B ADS
- Belluzzi, L., Landi Degl’Innocenti, E., & Trujillo Bueno, J., “The Physical Origin and the Diagnostic Potential of the Scattering Polarization in the Li I Resonance Doublet at 6708 Å”, 2009ApJ. .705. .218B ADS
- Bommier, V., Martínez González, M., Bianda, M., et al., “The quiet Sun magnetic field observed with ZIMPOL on THEMIS. I. The probability density function”, 2009A&A. .506. 1415B ADS
- Bagnulo, S., Landolfi, M., Landstreet, J. D., et al., “Stellar Spectropolarimetry with Retarder Waveplate and Beam Splitter Devices”, 2009PASP. .121. .993B ADS
- Viticchié, B., Sánchez Almeida, J., Landi Degl’Innocenti, E., & Berrilli, F., “Mn I Lines with Hyperfine Structure Synthesized in Realistic Quiet-Sun Atmospheres”, 2009ASPC. .405. .319V ADS
- Belluzzi, L., Landi Degl’Innocenti, E., & Trujillo Bueno, J., “The Sensitivity of the Second Solar Spectrum of the Li I 6708 Å Doublet to the Lithium Isotopic Abundance and to a Microturbulent Magnetic Field”, 2009ASPC. .405. .107B ADS
- Landi Degl’Innocenti, E., “Radiative Transfer for Polarized Radiation: a Personal, Historical Overview”, 2009ASPC. .405. .57L ADS
- Ramelli, R., Bianda, M., Trujillo Bueno, J., Belluzzi, L., & Landi Degl’Innocenti, E., “Observations of the Joint Action of the Hanle and Zeeman Effects in the D2 Line of Ba II”, 2009ASPC. .405. .41R ADS
- Belluzzi, L. & Landi Degl’Innocenti, E., “A spectroscopic analysis of the most polarizing atomic lines of the second solar spectrum”, 2009A&A. .495. .577B ADS
- Landi degl’Innocenti, E.: 2009, *Spettroscopia atomica e processi radiativi 2009sapr.book. . . . .L ADS*
- Asensio Ramos, A., Trujillo Bueno, J., & Landi Degl’Innocenti, E., “Advanced Forward Modeling and Inversion of Stokes Profiles Resulting from the Joint Action of the Hanle and Zeeman Effects”, 2008ApJ. .683. .542A ADS
- Stift, M. J., Leone, F., & Landi Degl’Innocenti, E., “Modelling the incomplete Paschen-Back effect in the spectra of magnetic Ap stars”, 2008MNRAS. 385. 1813S ADS
- Sánchez Almeida, J., Viticchié, B., Landi Degl’Innocenti, E., & Berrilli, F., “Quiet-Sun Magnetic Field Measurements Based on Lines with Hyperfine Structure”, 2008ApJ. .675. .906S ADS
- Bommier, V., González, M. J. M., Schmieder, B., & Landi Degl’Innocenti, E., “Magnetic Field Vector Measurements with THEMIS”, 2008ASPC. .383. .123B ADS
- Belluzzi, L., Trujillo Bueno, J., & Landi Degl’Innocenti, E., “The Magnetic Sensitivity of the Ba II D1 and D2 Lines of the Fraunhofer Spectrum”, 2007ApJ. .666. .588B ADS
- Bommier, V., Landi Degl’Innocenti, E., Landolfi, M., & Molodij, G., “Is the Solar Intranetwork Field a Resolved Turbulent Field?”, 2007ASPC. .370. .81B ADS
- Severino, G., Oliviero, M., & Landi Degl’Innocenti, E., “Simulation of Magneto-Optical Filter Transmission Profiles”, 2007ASPC. .368. .617S ADS
- Belluzzi, L., Landi Degl’Innocenti, E., & Trujillo Bueno, J., “Polarimetric Properties of the D<sub>2</sub> Lines of Alkali Atoms”, 2007ASPC. .368. .311B ADS
- Fossati, L., Bagnulo, S., Mason, E., & Landi Degl’Innocenti, E., “Standard Stars for Linear Polarization Observed with FORSI”, 2007ASPC. .364. .503F ADS
- Landi Degl’Innocenti, E., Bagnulo, S., & Fossati, L., “Polarimetric Standardization”, 2007ASPC. .364. .495L ADS
- Bommier, V., Landi Degl’Innocenti, E., Landolfi, M., & Molodij, G., “UNNOFIT inversion of spectro-polarimetric maps observed with THEMIS”, 2007A&A. .464. .323B ADS
- Landi Degl’Innocenti, E., “Polarization properties of resonance scattering in molecular bands. The intermediate (a-b) coupling regime”, 2007A&A. .461. . .1L ADS
- Belluzzi, L., Trujillo Bueno, J., & Landi Degl’Innocenti, E., “The Hanle and Zeeman Effects in the Ba II D<sub>2</sub> Line”, 2006ASPC. .358. .459B ADS
- Bommier, V., Landi Degl’Innocenti, E., & Molodij, G., “Multi-Line Determination of the Turbulent Magnetic Field from the Second Solar Spectrum of MgH”, 2006ASPC. .358. .317B ADS
- Landi Degl’Innocenti, E., “Polarizability Factors for Molecular Bands”, 2006ASPC. .358. .293L ADS
- Derouich, M., Bommier, V., Malherbe, J. M., et al., “Interpretation of the Second Solar Spectrum of the Sr I 4607 Å Line Observed at THEMIS and Pic-du-Midi”, 2006ASPC. .358. .120D ADS

- Bommier, V., Landi Degl'Innocenti, E., Landolfi, M., & Molodij, G., "UN-NOFIT Inversion of Spectro-Polarimetric Maps Observed with THEMIS", 2006ASPC...358..119B ADS
- Bommier, V., Landi Degl'Innocenti, E., Feautrier, N., & Molodij, G., "Collisional influence on the differential Hanle effect method applied to the second solar spectrum of the  $A^2\Pi-X^2\Sigma(0, 0)$  band of MgH", 2006A&A...458..625B ADS
- Fossati, L., Bagnulo, S., Mason, E., & Landi Degl'Innocenti, E., "Standard stars for linear polarization", 2006astro.ph.10637F ADS
- Derouich, M., Bommier, V., Malherbe, J. M., & Landi Degl'Innocenti, E., "Second solar spectrum of the Sr I 4607 Å line: depth probing of the turbulent magnetic field strength in a quiet region", 2006A&A...457.1047D ADS
- Socas-Navarro, H., Trujillo Bueno, J., & Landi Degl'Innocenti, E., "Erratum: 'Polynomial Approximants for the Calculation of Polarization Profiles in the He I 10830 Å Multiplet' (<A href='\" bibquery?2005ApJS...160..312S\">ApJS, 160, 312 [2005]</A>)", 2006ApJS...166..441S ADS
- Merenda, L., Trujillo Bueno, J., Landi Degl'Innocenti, E., & Collados, M., "Determination of the Magnetic Field Vector via the Hanle and Zeeman Effects in the He I 10830 Multiplet: Evidence for Nearly Vertical Magnetic Fields in a Polar Crown Prominence", 2006ApJ...642..554M ADS
- Manso Sainz, R., Landi Degl'Innocenti, E., & Trujillo Bueno, J., "A qualitative interpretation of the second solar spectrum of Ce II", 2006A&A...447.1125M ADS
- Trujillo Bueno, J., Landi Degl'Innocenti, E., Casini, R., & Martínez Pillet, V., "The scientific case for spectropolarimetry from space: a novel diagnostic window on cosmic magnetic fields", 2005ESASP.588..203T ADS
- Merenda, L., Trujillo Bueno, J., Landi Degl'Innocenti, E., & Collados, M., "Determination of the Magnetic Field Vector in a Polar Crown Prominence via the Hanle and Zeeman Effects in the He I 10830 Å Multiplet.", 2005ESASP.596E..18M ADS
- Trujillo Bueno, J., Landi Degl'Innocenti, E., Casini, R., & Martínez Pillet, V., "The Scientific Case for Quantum Spectropolarimetry from Space", 2005ESASP.596E...4T ADS
- Socas-Navarro, H., Trujillo Bueno, J., & Landi Degl'Innocenti, E., "Polynomial Approximants for the Calculation of Polarization Profiles in the He I 10830 Å Multiplet", 2005ApJS...160..312S ADS
- Asensio Ramos, A., Landi Degl'Innocenti, E., & Trujillo Bueno, J., "Dichroic Masers Due to Radiation Anisotropy and the Influence of the Hanle Effect on the Circumstellar SiO Polarization", 2005ApJ...625..985A ADS
- López Ariste, A., Casini, R., Paletou, F., et al., "Full Stokes Spectropolarimetry of H $\alpha$  in Prominences", 2005ApJ...621L.145L ADS
- Bommier, V., Derouich, M., Landi Degl'Innocenti, E., Molodij, G., & Sahal-Bréchet, S., "Interpretation of second solar spectrum observations of the Sr I 4607 Å line in a quiet region: Turbulent magnetic field strength determination", 2005A&A...432..295B ADS
- Trujillo Bueno, J., Merenda, L., Centeno, R., Collados, M., & Landi Degl'Innocenti, E., "The Hanle and Zeeman Effects in Solar Spicules: A Novel Diagnostic Window on Chromospheric Magnetism", 2005ApJ...619L.191T ADS
- Derouich, M., Malherbe, J. M., Bommier, V., Landi Degl'Innocenti, E., & Sahal-Bréchet, S., "Second solar spectrum observed at the Pic-du-Midi: depth probing of the turbulent magnetic field intensity in a quiet region.", 2004sf2a.conf..113D ADS
- Manso Sainz, R., Landi Degl'Innocenti, E., & Trujillo Bueno, J., "Concerning the Existence of a 'Turbulent' Magnetic Field in the Quiet Sun", 2004ApJ...614L..89M ADS
- Socas-Navarro, H., Trujillo Bueno, J., & Landi Degl'Innocenti, E., "Signatures of Incomplete Paschen-Back Splitting in the Polarization Profiles of the He I 10830 Multiplet", 2004ApJ...612.1175S ADS
- Landi Degl'Innocenti, E. & Landolfi, M.: 2004, Polarization in Spectral Lines, Vol. 307 2004ASSL...307.....L ADS
- Solanki, S. K., Lagg, A., Woch, J., et al., "Successful Measurement of the Full Magnetic Vector Near the Base of the Solar Corona", 2003AGUFM41D..05S ADS
- Derouich, M., Bommier, V., Landi Degl'Innocenti, E., Molodij, G., & Sahal-Bréchet, S., "Diagnostic of turbulent magnetic fields in solar quiet regions by their Hanle effect in the Sr I 4607Å line", 2003sf2a.conf..113D ADS
- Landi Degl'Innocenti, E., "The Differential Saturation Mechanism: an Application of the Zeeman Effect to the Diagnostic of Magnetic Fields", 2003EAS.....9...71L ADS
- Landi Degl'Innocenti, E., "Theory of Polarization: What's Next?", 2003ASPC...307..593L ADS
- Manso Sainz, R. & Landi Degl'Innocenti, E., "Towards the Understanding of the Second Solar Spectrum of Ti I", 2003ASPC...307..425M ADS
- Landolfi, M. & Landi Degl'Innocenti, E., "Case Studies in Resonance Polarization and the Hanle Effect", 2003ASPC...307..241L ADS
- Landi Degl'Innocenti, E., "Resonance Scattering Polarization in Molecular Lines", 2003ASPC...307..164L ADS
- Landi Degl'Innocenti, E., "The Zeeman effect: applications to solar physics", 2003AN...324..393L ADS
- Manso Sainz, R. & Landi Degl'Innocenti, E., "A qualitative interpretation of the second solar spectrum of Ti I", 2002A&A...394.1093M ADS
- Casini, R., Landi Degl'Innocenti, E., Landolfi, M., & Trujillo Bueno, J., "On the Atomic Polarization of the Ground Level of Na I", 2002ApJ...573..864C ADS
- Trujillo Bueno, J., Casini, R., Landolfi, M., & Landi Degl'Innocenti, E., "The Physical Origin of the Scattering Polarization of the Na I D Lines in the Presence of Weak Magnetic Fields", 2002ApJ...566L..53T ADS
- Landi Degl'Innocenti, E., "The physics of polarization", 2002asps.conf....1L ADS
- Trujillo Bueno, J., Landi Degl'Innocenti, E., Collados, M., Merenda, L., & Manso Sainz, R., "Selective absorption processes as the origin of puzzling spectral line polarization from the Sun", 2002Natur.415..403T ADS
- Landolfi, M., Bagnulo, S., Landi Degl'Innocenti, M., & Landi Degl'Innocenti, E., "The Paschen-Back Effect on Fine and Hyperfine Structure: Impact on Polarized Spectra of Ap and Bp Stars", 2001ASPC...248..349L ADS
- Landi Degl'Innocenti, E., "Magnetic Field Diagnostic Techniques Based on the Zeeman and Hanle Effects", 2001ASPC...248..73L ADS
- Landi Degl'Innocenti, E., "Evidence for ground-level atomic polarization in the solar atmosphere", 1999ASL...243..61L ADS
- Landi Degl'Innocenti, E., "Evidence against turbulent and canopy-like magnetic fields in the solar chromosphere", 1998Natur.392..256L ADS
- Landi Degl'Innocenti, E., "Spectropolarimetry of the solar atmosphere", 1998MmSAI...69..605L ADS
- Trujillo Bueno, J. & Landi Degl'Innocenti, E., "Linear Polarization Due to Lower Level Depopulation Pumping in Stellar Atmospheres", 1997ApJ...482L.183T ADS
- Landolfi, M., Bagnulo, S., Landi Degl'Innocenti, M., Landi Degl'Innocenti, E., & Leroy, J. L., "Constraints on the magnetic configuration of AP stars from simple features of observed quantities.", 1997A&A...322..197L ADS
- Casini, R. & Landi Degl'Innocenti, E., "Theoretical polarization profiles of optically-thick hydrogen lines from slabs in the presence of electric and magnetic fields", 1997A&S...122..149C ADS
- Casini, R. & Landi Degl'Innocenti, E., "(Erratum) LTE radiative transfert for polarized hydrogen lines in the weak-field regime.", 1996A&A...313.1027C ADS
- Sánchez Almeida, J., Landi Degl'Innocenti, E., Martínez Pillet, V., & Lites, B. W., "Line Asymmetries and the Microstructure of Photospheric Magnetic Fields", 1996ApJ...466..537S ADS
- Leroy, J. L., Landolfi, M., & Landi Degl'Innocenti, E., "Linear polarimetry of AP stars. VI. A modified dipolar model consistent with the observations.", 1996A&A...311..513L ADS
- Casini, R. & Landi Degl'Innocenti, E., "LTE radiative transfer for polarized hydrogen lines in the weak-field regime.", 1996A&A...308..335C ADS
- Bagnulo, S., Landi Degl'Innocenti, M., & Landi Degl'Innocenti, E., "Multipolar magnetic fields in rotating AP stars: modeling of observable quantities.", 1996A&A...308..115B ADS
- Landolfi, M. & Landi Degl'Innocenti, E., "Net Circular Polarization in Magnetic Spectral Lines Produced by Velocity Gradients: Some Analytical Results", 1996SoPh...164..191L ADS
- Trujillo Bueno, J. & Landi Degl'Innocenti, E., "The polarization-free approximation", 1996SoPh...164..135T ADS
- Bommier, V. & Landi Degl'Innocenti, E., "Non-LTE Polarized Radiative Transfer in Intermediate Magnetic Fields: Numerical Problems and Results", 1996SoPh...164..117B ADS
- Casini, R. & Landi Degl'Innocenti, E., "The first and second order moments of the polarization profiles of hydrogen lines", 1996SoPh...164..91C ADS
- Landi Degl'Innocenti, E., "The density matrix approach to polarized radiative transfer", 1996SoPh...164..21L ADS
- Leroy, J. L., Landolfi, M., Landi Degl'Innocenti, M., et al., "Linear polarimetry of AP stars. IV. The influence of deviations from a pure dipolar model.", 1995A&A...301..797L ADS
- Casini, R. & Landi Degl'Innocenti, E., "Properties of the second-order moments of the polarization profiles of hydrogen lines.", 1995A&A...300..309C ADS
- Bagnulo, S., Landi Degl'Innocenti, E., Landolfi, M., & Leroy, J. L., "Linear polarimetry of AP stars. III. A diagnostic method for the magnetic structure of rotating stars.", 1995A&A...295..459B ADS
- Casini, R. & Landi Degl'Innocenti, E., "Properties of the first-order moments of the polarization profiles of hydrogen lines.", 1994A&A...291..668C ADS
- Bommier, V., Landi Degl'Innocenti, E., Leroy, J.-L., & Sahal-Brechet, S., "Complete determination of the magnetic field vector and of the electron density in 14 prominences from linear polarization measurements in the He I D<sub>3</sub> and H $\alpha$  lines", 1994SoPh...154..231B ADS

- Casini, R. & Landi Degl'Innocenti, E.: 1994, (*Erratum*) *The polarized spectrum of hydrogen in the presence of electric and magnetic fields*, *Astronomy and Astrophysics*, Vol. 287, p.692-692 (1994) 1994A&A...287..692C ADS
- Landi Degl'Innocenti, E. & Bommier, V., "Resonance line polarization for arbitrary magnetic fields in optically thick media. III. A generalization of the  $??\frac{1}{2}$ -law.", 1994A&A...284..865L ADS
- Leroy, J. L., Bagnulo, S., Landolfi, M., & Landi Degl'Innocenti, E., "A long period model for the magnetic star  $\gamma$  Equulei.", 1994A&A...284..174L ADS
- Landi Degl'Innocenti, E., Rayrole, J., & Mein, P., "High resolution solar observations: Spectropolarimetry with THEMIS", in G. Belvedere, M. Rodono, and G. M. Simnett (Eds.), *Advances in Solar Physics*, Vol. 432, 315-318 1994LNP...432..315L ADS
- Landi Degl'Innocenti, E., "Recipes for solar polarimetry", 1994ASIC...433..29L ADS
- Casini, R. & Landi Degl'Innocenti, E., "The polarized spectrum of hydrogen in the presence of electric and magnetic fields", 1993A&A...276..289C ADS
- Landi Degl'Innocenti, E. & Bommier, V., "A Spectroscopic Method for the Solution of the 180 degrees Azimuth Ambiguity in Magnetograms", 1993ApJ...411L..49L ADS
- Landolfi, M., Landi Degl'Innocenti, E., Landi Degl'Innocenti, M., & Leroy, J. L., "Linear polarimetry of AP stars. I. A simple canonical model", 1993A&A...272..285L ADS
- Leroy, J. L., Landolfi, M., & Landi Degl'Innocenti, E., "Linear polarimetry of AP stars. II. New observations with a reappraisal of former ones.", 1993A&A...270..335L ADS
- Trujillo Bueno, J., Martínez Pillet, V., Sánchez Almeida, J., & Landi Degl'Innocenti, E., "Atomic orientation in chromospheric lines.", 1993ASPC...46..526T ADS
- Landolfi, M., Landi Degl'Innocenti, E., Landi Degl'Innocenti, M., Leroy, J. L., & Bagnulo, S., "Broadband Linear Polarization in Ap-Stars", 1993ASPC...44..305L ADS
- Leroy, J. L., Landstreet, J. D., Landi Degl'Innocenti, E., & Landolfi, M., "Broadband Measurements of the Transverse Magnetic Field of Cool Ap-Stars", 1993ASPC...44..274L ADS
- Fineschi, S. & Landi Degl'Innocenti, E., "Electron Impact Polarization of Atomic Spectral Lines. I. A General Theoretical Scheme", 1992ApJ...392..337F ADS
- Landi Degl'Innocenti, E., "Magnetic field measurements.", in F. Sánchez, M. Collados, and M. Vázquez (Eds.), *Solar Observations: Techniques and Interpretation*, 71 1992soti.book...71L ADS
- Landi Degl'Innocenti, E., Bommier, V., & Sahal-Brechot, S., "Resonance Line Polarization for Arbitrary Magnetic Fields in Optically Thick Media - Part Two - Case of a Plane-Parallel Atmosphere and Absence of Zeeman Coherences", 1991A&A...244..401L ADS
- Landi Degl'Innocenti, E., Bommier, V., & Sahal-Brechot, S., "Resonance line polarization for arbitrary magnetic fields in optically thick media. I - Basic formalism for a 3-dimensional medium.", 1991A&A...244..391L ADS
- Bommier, V., Landi Degl'Innocenti, E., & Sahal-Brechot, S., "Resonance line polarization and the Hanle effect in optically thick media. II - Case of a plane-parallel atmosphere", 1991A&A...244..383B ADS
- Bommier, V., Landi Degl'Innocenti, E., & Sahal-Brechot, S., "Diagnostic of the magnetic field vector using the atomic density matrix formalism.", 1991sopo.work...434B ADS
- Bonaccini, D., Landi Degl'Innocenti, E., Smaldone, L. A., & Tamblyn, P., "High resolution spectropolarimetry of an active region.", 1991sopo.work...251B ADS
- Arena, P., Landi Degl'Innocenti, E., & Noci, G., "Velocities and Magnetic Fields Observed in a Sunspot", 1990SoPh...129..259A ADS
- Landi Degl'Innocenti, E., Bommier, V., & Sahal-Brechot, S., "Resonance line polarization and the Hanle effect in optically thick media.", 1990A&A...235..459L ADS
- Arena, P., Landi Degl'Innocenti, E., & Noci, G., "A diagnostic method for vector magnetic field and plasma velocity measurement in sunspots through the analysis of spectropolarimetric profiles.", 1990PDH0...7..116A ADS
- Bommier, V., Landi Degl'Innocenti, E., & Sahal-Brechot, S., "Linear Polarization of Hydrogen H $\alpha$  Line in Filaments - Method and Results of Computation", in V. Ruzdjak and E. Tandberg-Hanssen (Eds.), *IAU Colloq. 117: Dynamics of Quiescent Prominences*, Vol. 363, 281 1990LNP...363..281B ADS
- Landi Degl'Innocenti, E., "Diagnostic of Prominence Magnetic Fields", in V. Ruzdjak and E. Tandberg-Hanssen (Eds.), *IAU Colloq. 117: Dynamics of Quiescent Prominences*, Vol. 363, 206 1990LNP...363..206L ADS
- Landolfi, M., Landi Degl'Innocenti, M., & Landi Degl'Innocenti, E., "Some comments on the methods for measuring magnetic fields in late-type stars", 1989A&A...216..113L ADS
- Capitani, C., Landi Degl'Innocenti, E., Cavallini, F., et al., "Polarization properties of a 'Zeiss-type' coelostat: The case of the solar tower in Arcetri", 1989SoPh...120..173C ADS
- Bommier, V., Landi Degl'Innocenti, E., & Sahal-Brechot, S., "Linear polarization of the hydrogen H-alpha line in filaments. I - Theoretical investigation", 1989A&A...211..230B ADS
- Bommier, V., Landi Degl'Innocenti, E., & Sahal-Brechot, S., "Linear Polarization of Hydrogen H-alpha Line in Filaments: Method and Results of Computation", 1989Hva0B...13..339B ADS
- Landi Degl'Innocenti, E., Landi Degl'Innocenti, M., & Landolfi, M., "Expected linear polarization during the eclipsing phase of detached binaries", 1988A&A...204..133L ADS
- Landi Degl'Innocenti, M. & Landi Degl'Innocenti, E., "An analytical expression for the Hanle-effect scattering phase matrix", 1988A&A...192..374L ADS
- Bommier, V., Landi Degl'Innocenti, E., & Sahal-Brechot, S., "Linear polarization of hydrogen Balmer lines in optically thick prominences: theoretical investigation.", 1988dssp.conf...41B ADS
- Landi Degl'Innocenti, E., Bommier, V., & Sahal-Brechot, S., "Linear polarization of hydrogen Balmer lines in optically thick quiescent prominences", 1987A&A...186..335L ADS
- Favati, B., Landi Degl'Innocenti, E., & Landolfi, M., "Resonance scattering of Lyman-alpha in the presence of an electrostatic field", 1987A&A...179..329F ADS
- Landi Degl'Innocenti, E., "Transfer of Polarized Radiation, using 4 x 4 Matrices", in W. Kalkofen (Ed.), *Numerical Radiative Transfer*, 265 1987nrt.book...265L ADS
- Bommier, V., Landi Degl'Innocenti, E., & Sahal-Brechot, S., "Linear Polarization of Hydrogen Balmer Lines in Optically Thick Prominences - Theoretical Investigation", 1987dssp.work...41B ADS
- Landi Degl'Innocenti, E., "Measurements of magnetic fields in solar prominences.", 1986NASCP2442..203L ADS
- Landolfi, M. & Landi Degl'Innocenti, E., "Resonance scattering and the diagnostic of very weak magnetic fields in diffuse media", 1986A&A...167..200L ADS
- Landi Degl'Innocenti, E., "Polarization in spectral lines. IV: Resonance polarization in the Hanle effect, collisionless regime.", 1985SoPh...102...1L ADS
- Landi Degl'Innocenti, E., "Radiative Transfer in Smallscale Magnetic Structures", 1985tphr.conf...162L ADS
- Landi Degl'Innocenti, E., "The Zeeman pattern of magnetic lines and their statistical properties in the Fe I solar spectrum.", 1985SoPh...99...1L ADS
- Landolfi, M. & Landi Degl'Innocenti, E., "Polarization of the Sodium D-Lines in Prominences", 1985SoPh...98...53L ADS
- Landi Degl'Innocenti, E. & Landi Degl'Innocenti, M., "On the solution of the radiative transfer equations for polarized radiation", 1985SoPh...97..239L ADS
- Bommier, V., Landi Degl'Innocenti, E., Leroy, J. L., & Sahal-Brechot, S., "Effect of polarized radiative transfer on the Hanle magnetic field determination in prominences: Analysis of hydrogen H alpha line observations at Pic-du-Midi", 1985vmf.nasa...335B ADS
- Landi Degl'Innocenti, E., "Generation and transfer of polarized radiation in the solar atmosphere: Physical mechanisms and magnetic-field diagnostics", 1985vmf.nasa...279L ADS
- Querfeld, C. W., Smartt, R. N., Bommier, V., Landi Degl'Innocenti, E., & House, L. L., "Vector Magnetic Fields in Prominences - Part Two Hei d3 Stokes Profiles Analysis for Two Quiescent Prominences", 1985SoPh...96..277Q ADS
- Bommier, V., Landi Degl'Innocenti, E., Leroy, J. L., & Sahal-Brechot, S., "Effect of polarized radiative transfer on the Hanle magnetic field determination in prominences: analysis of hydrogen H $\alpha$  line observations at Pic-du-Midi.", 1985NASCP2374..335B ADS
- Landi Degl'Innocenti, E., "Generation and transfer of polarized radiation in the solar atmosphere: physical mechanisms and magnetic-field diagnostic.", 1985NASCP2374..279L ADS
- Landi Degl'Innocenti, E., "Radiative transfer in small-scale magnetic structures.", 1985MPARp.212..162L ADS
- Landolfi, M., Landi Degl'Innocenti, E., & Arena, P., "On the Diagnostic of Magnetic Fields in Sunspots Through the Interpretation of Stoke's Parameters Profiles", 1984SoPh...93..269L ADS
- Landi Degl'Innocenti, E., "Polarization in Spectral Lines - Part Three - Resonance Polarization in the Non-Magnetic Collisionless Regime", 1984SoPh...91...1L ADS
- Landi Degl'Innocenti, E., "Polarizzatori.", 1984GAst...10...29L ADS
- Athay, R. G., Querfeld, C. W., Smartt, R. N., Landi Degl'Innocenti, E., & Bommier, V., "Vector Magnetic Fields in Prominences - Part Three - Hei d3 Stokes Profile Analysis for Quiescent and Eruptive Prominences", 1983SoPh...89...3A ADS

- Landi Degl'Innocenti, E., "Erratum: Polarization in Spectral lines. II: A Classification Scheme for Solar Observatories", 1983SoPh...88S.391L [ADS](#)
- Landi Degl'Innocenti, E., "Erratum: Polarization in Spectral lines. I: A Unifying Theoretical Approach", 1983SoPh...88R.391L [ADS](#)
- Landi Degl'Innocenti, E. & Landolfi, M., "Asymmetries in stokes profiles of magnetic lines: A linear analysis in terms of velocity gradients", 1983SoPh...87..221L [ADS](#)
- Calamai, G. & Landi Degl'Innocenti, E., "Broadband linear polarization from magnetized stellar atmospheres. II - The influence of damping on net spectral line polarization", 1983A&AS...53..311C [ADS](#)
- Landi Degl'Innocenti, E., "Polarization in spectral lines", 1983SoPh...85...33L [ADS](#)
- Landi Degl'Innocenti, E., "Polarization in spectral lines", 1983SoPh...85...3L [ADS](#)
- Landi Degl'Innocenti, E. & Pallavicini, R., "Meccanismi di emissione e assorbimento della radiazione in situazioniastronomiche.", 1983Gast...9...25L [ADS](#)
- Landi Degl'Innocenti, E. & Calamai, G., "Broadband linear polarization from magnetized stellar atmospheres - Numerical tables for the magnetic intensification mechanism", 1982A&AS...49..677L [ADS](#)
- Landi Degl'Innocenti, E., "The determination of vector magnetic fields in prominences from the observations of the Stokes profiles in the D<sub>3</sub> line of helium", 1982SoPh...79..291L [ADS](#)
- Landolfi, M. & Landi Degl'Innocenti, E., "Magneto-Optical Effects and the Determination of Vector Magnetic Fields from Stokes Profiles", 1982SoPh...78..355L [ADS](#)
- Landi Degl'Innocenti, E., "Expected broadband linear polarization from cool stars with magnetic structures", 1982A&A...110...25L [ADS](#)
- Landi Degl'Innocenti, E., "On the effective Landé factor of magnetic lines", 1982SoPh...77..285L [ADS](#)
- Landi Degl'Innocenti, E. & Landolfi, M., "Thermodynamical Properties of Unresolved Magnetic Flux Tubes - Part One - a Diagnostic Method Based on Circular Polarization Ratios in Line Pairs", 1982SoPh...77...13D [ADS](#)
- Arena, P. & Landi Degl'Innocenti, E., "An atlas of theoretical Stokes profiles for solar disk observations", 1982A&AS...48...81A [ADS](#)
- Landi Degl'Innocenti, E. & Calamai, G., "The magnetic intensification mechanism and its relevance for the study of stellar activity", 1982MmSAI...53..975L [ADS](#)
- Landi Degl'Innocenti, E., "Measurements of solar magnetic fields through polarimetric observations", 1982MmSAI...53..841L [ADS](#)
- Landi Degl'Innocenti, E., "La composizione chimica del cosmo.", 1982Gast...8...337L [ADS](#)
- Landi Degl'Innocenti, M., Calamai, G., Landi Degl'Innocenti, E., & Patriarchi, P., "Broad-band linear polarization and magnetic intensification in rotating magnetic stars.", 1981ApJ...249..228L [ADS](#)
- Landi Degl'Innocenti, E. & Landi Degl'Innocenti, M., "Radiative transfer for polarized radiation - Symmetry properties and geometrical interpretation", 1981NCimB...62...1L [ADS](#)
- Querfeld, C. W., Smartt, R. N., Bommier, V., & Landi Degl'Innocenti, E., "Vector Magnetic Fields Inferred from He I D<sub>3</sub> Polarization in the August 5, 1980 Eruptive Prominence", 1980BAAS...12..913Q [ADS](#)
- Querfeld, C. W., Smartt, R. N., Bommier, V., & Landi Degl'Innocenti, E., "Quiescent Prominence Vector Magnetic Fields Inferred from He I D<sub>3</sub> Polarization", 1980BAAS...12..792Q [ADS](#)
- Landi Degl'Innocenti, E., "Magneto-optical effects and the interpretation of linearly polarized intensity distributions observed with a vector magnetograph.", 1979SoPh...63..237L [ADS](#)
- Landi Degl'Innocenti, E., "Non-LTE transfer. An alternative derivation for  $\sigma_{\text{rtepsilon}}$ .", 1979MNRAS...186..369L [ADS](#)
- Landi Degl'Innocenti, E., "Hyperfine structure and line formation in a magnetic field II. Numerical calculations of Zeeman components", 1978A&AS...33..157L [ADS](#)
- Landi Degl'Innocenti, E., "Non-LTE line formation in a magnetic field. The two-level atom with a frequency independent source function. I. Formulation.", 1978A&A...66..119L [ADS](#)
- Landi Degl'Innocenti, E. & Landi Degl'Innocenti, M., "Response function for magnetic lines.", 1977A&A...56..111L [ADS](#)
- Landi Degl'Innocenti, E., "Non-LTE line formation in a magnetic field. The two-level atom with a frequency independent source function. I: Formulation.", 1977ROLun...12...35L [ADS](#)
- Landi Degl'Innocenti, E., "Are there spots on magnetic white dwarfs?", 1976ApJ...209..208L [ADS](#)
- Landi Degl'Innocenti, E., "MALIP - a programme to calculate the Stokes parameters profiles of magnetoactive Fraunhofer lines", 1976A&AS...25..379L [ADS](#)
- Landi Degl'Innocenti, M., Landolfi, M., & Landi Degl'Innocenti, E., "Statistical equilibrium equations in a polarized radiation field.", 1976NCimB...35..117L [ADS](#)
- Calamai, G., Landi Degl'Innocenti, E., & Landi Degl'Innocenti, M., "Magnetic intensification as a mechanism for broad band linear polarization.", 1975A&A...45..297C [ADS](#)
- Landi Degl'Innocenti, E., "Hyperfine structure and line formation in a magnetic field.", 1975A&A...45..269L [ADS](#)
- Landi Degl'Innocenti, E. & Landi Degl'Innocenti, M., "A Perturbative Solution of the Transfer Equations for the Stokes Parameters in a Magnetic Field", 1973SoPh...31..299L [ADS](#)
- Landi Degl'Innocenti, E. & Noci, G., "A Search for Continuous Ultraviolet Opacity Sources in the Sun's Photosphere", 1973SoPh...29..287L [ADS](#)
- Landi Degl'Innocenti, E. & Landi Degl'Innocenti, M., "Erratum: "Quantum theory of line formation in a magnetic field" [Sol. Phys., Vol. 27, p. 319 - 329 (1972)].", 1973SoPh...29..528L [ADS](#)
- Landi Degl'Innocenti, E. & Landi Degl'Innocenti, M., "Quantum Theory of Line Formation in a Magnetic Field", 1972SoPh...27..319L [ADS](#)