

Bibliography from ADS file: artzner.bib
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- Ollivier, M., Mariotti, J.-M., Brunaud, J., et al., "Coronographie interférentielle pour la mission spatiale DARWIN: expérience de validation en laboratoire", 2018SPIE10570E..0PO ADS
- Delannée, C., Artzner, G., Schmieder, B., & Parenti, S., "Time Evolution of the Altitude of an Observed Coronal Wave", 2014SoPh..289.2565D ADS
- Gosain, S., Schmieder, B., Artzner, G., Bogachev, S., & Török, T., "A Multi-spacecraft View of a Giant Filament Eruption during 2009 September 26/27", 2012ApJ...761...25G ADS
- Artzner, G., Gosain, S., & Schmieder, B., "A Technique for Removing Background Features in SECCHI - EUVI He II 304 Å Filtergrams: Application to the Filament Eruption of 22 May 2008", 2010SoPh..262..437A ADS
- Gosain, S., Schmieder, B., Venkatakrisnan, P., Chandra, R., & Artzner, G., "A 3D view of eruptive filaments by STEREO", 2010cosp...38.2916G ADS
- Gosain, S., Schmieder, B., Venkatakrisnan, P., Chandra, R., & Artzner, G., "3D Evolution of a Filament Disappearance Event Observed by STEREO", 2009SoPh..259...13G ADS
- Artzner, G., "Optique active et optique adaptative.", 2006LAstr.120..349A ADS
- Artzner, G., Auchère, F., Delaboudinière, J. P., & Bougnet, M., "An atlas of solar events: 1996-2005", 2006AdSpr..38..390A ADS
- Auchère, F. & Artzner, G. E., "EIT Observations of the 15 November 1999 Mercury Transit", 2004SoPh..219..217A ADS
- Wuelser, J.-P., Lemen, J. R., Tarbell, T. D., et al., "EUVI: the STEREO-SECCHI extreme ultraviolet imager", 2004SPIE.5171..111W ADS
- Artzner, G., Auchère, F., Delaboudinière, J. P., & Bougnet, M., "An atlas of solar events: 1997-2004", 2004cosp...35.2494A ADS
- Artzner, G. E., Delaboudinière, J. P., & Song, X., "Photon sieves as EUV telescopes for Solar Orbiter", 2003SPIE.4853..158A ADS
- Rochus, P., Defise, J. M., Halain, J. P., et al., "MAGRITTE / SPECTRE : the Solar Atmospheric Imaging Assembly (AIA) aboard the Solar Dynamics Observatory", 2002AGUFMSH21C..05R ADS
- Lemaire, P., Artzner, G., Vial, J. C., et al., "Transition region quiet sun velocity field evolution", 2002AdSpr..30..487L ADS
- Ollivier, M., Mariotti, J.-M., Sekulic, P., et al., "Nulling interferometry for the DARWIN mission: experimental demonstration of the concept in the thermal infrared with high levels of rejection", 2000SPIE.4006..3540 ADS
- Auchère, F., DeForest, C. E., & Artzner, G., "In-Flight Determination of the Plate Scale of the Extreme-Ultraviolet Imaging Telescope", 2000ApJ...529L.115A ADS
- Auchère, F., DeForest, C. E., & Artzner, G., "In Flight Determination of the Plate Scale of the EIT", 1999astro.ph.12213A ADS
- Laurent, M., Weulersse, P., Delahaye, F., et al., "Spécial éclipse 11 août 1999 - bilan.", 1999LAstr.113..340L ADS
- Aulaneir, G., Deluca, E. E., Golub, L., et al., "An Eruptive Flare Observed by TRACE as a Test for the Magnetic", 1999ESASP.446..131A ADS
- Artzner, G. E., Auchère, F., Delaboudinière, J.-P., & Hochedez, J.-F. E., "Equivalent focal length measurements", 1999SPIE.3737...32A ADS
- Ollivier, M., Léger, A., Sekulic, C. A. P., et al., "Nulling Interferometry for the DARWIN Mission - Laboratory Demonstration Experiment", 1999ASPC..194..4430 ADS
- Neupert, W. M., Newmark, J., Delaboudinière, J. P., et al., "Observations of Coronal Structures Above an Active Region by EIT and Implications for Coronal Energy Deposition", 1998SoPh..183..305N ADS
- Auchère, F., Boulade, S., Koutchmy, S., et al., "The prolate solar chromosphere", 1998A&A...336L..57A ADS
- Artzner, G., "Aspherical wavefront measurements: Shack-Hartmann numerical and practical experiments", 1998PAPop...7..435A ADS
- Dere, K. P., Brückner, G. E., Howard, R. A., et al., "EIT and LASCO Observations of the Initiation of a Coronal Mass Ejection", 1997SoPh..175..601D ADS
- Moses, D., Clette, F., Delaboudinière, J. P., et al., "EIT Observations of the Extreme Ultraviolet Sun", 1997SoPh..175..571M ADS
- Wang, Y. M., Sheeley, N. R., Dere, K. P., et al., "Association of Extreme-Ultraviolet Imaging Telescope (EIT) Polar Plumes with Mixed-Polarity Magnetic Network", 1997ApJ...484L..75W ADS
- Neupert, W. M., Newmark, J., Thompson, B. J., et al., "Observations of Coronal Features by EIT above an Active Region by EIT and Implications for Coronal Heating", 1997SPD...28..0115N ADS
- Delaboudinière, J. P., Stern, R. A., Maucherat, A., et al., "Imaging the solar corona in the EUV", 1997AdSpr..20.2231D ADS
- Clette, F., Delaboudinière, J. P., Artzner, G. E., et al., "First Results from EIT", 1997ASPC..118..268C ADS
- Gurman, J. B., Delaboudinière, J. P., Artzner, G., et al., "There's No Such Thing as the Quiet Sun: EUV Movies from SOHO", 1996AAS...188.3718G ADS
- Handy, B. N., Catura, R., Freeland, S., et al., "Observations of the South coronal hole from EIT and YOHKOH", 1996AAS...188.0206H ADS
- Handy, B. N., Catura, R., Freeland, S., et al., "Observations of the south coronal hole from EIT and Yohkoh.", 1996BAAS...28Q.821H ADS
- Delaboudinière, J. P., Artzner, G. E., Brunaud, J., et al., "EIT: Extreme-Ultraviolet Imaging Telescope for the SOHO Mission", 1995SoPh..162..291D ADS
- Defise, J.-M., Song, X. Y., Delaboudinière, J.-P., et al., "Calibration of the EIT instrument for the SOHO mission", 1995SPIE.2517...29D ADS
- Gex, F., Roblin, G., Artzner, G. E., et al., "Fabrication and optical characteristics of microlens arrays engraved in photoresist coatings", 1993SPIE.1781..287G ADS
- de Marcillac, P., Coron, N., Artzner, G., et al., "Towards a dark matter experiment: performance of a 24g sapphire bolometer", 1992daec.conf..403D ADS
- Delaboudinière, J. P., Gabriel, A. H., Artzner, G. E., et al., "Solar corona synoptic observations from SOHO with an Extreme Ultraviolet Imaging Telescope.", 1992ESASP.348...21D ADS
- Artzner, G., "Microlens arrays for Shack-Hartmann wavefront sensors", 1992OptEn..31.1311A ADS
- Artzner, G., "Rotational aperture synthesis: a proposal for ground-based observations.", 1992ESASP.344..273A ADS
- Artzner, G., "Solar Astrometry by Photolithography", 1990SoPh..128..281A ADS
- Coron, N., de Marcillac, P., Artzner, G., et al., "Massive composite bolometers for dark matter detection.", 1990qfcc.proc..275C ADS
- Delaboudinière, J.-P., Gabriel, A. H., Artzner, G. E., et al., "Extreme ultraviolet imaging telescope on board the Solar Heliospheric Observatory", 1989SPIE.1160..518D ADS
- Artzner, G., "Static wavefront correction by Linnik interferometry.", 1989SPIE.1013..233A ADS
- Delaboudinière, J. P., Gabriel, A. H., Artzner, G. E., et al.: 1988, EIT: Solar corona synoptic observations from SOHO with an Extreme-ultraviolet Imaging Telescope, In ESA, The SOHO Mission. Scientific and Technical Aspects of the Instruments p 43-48 (SEE N90-13302 04-92) 1988sohi.rept...43D ADS
- Artzner, G., "Astronomical optics: Zonal aberration correction - Laboratory experiments and extrapolations to space- and ground-based observations", 1987A&A...175..345A ADS
- Artzner, G., "Aspherical surfaces engraved on photoresist coatings: manufacture of a zonal corrector plate for an aberrating Cassegrainian telescope.", 1987SPIE..805..162A ADS
- Stroke, H. H., Artzner, G., Coron, N., Dambier, G., & Hansen, P. G., "Bolometers as particle spectrometers", 1986ITNS...33..759S ADS
- Coron, N., Artzner, G., Dambier, G., Jegoudez, G., & Leblanc, J., "Composite bolometers as spectrometers for X-ray astronomy", 1986SPIE..597..389C ADS
- Coron, N., Artzner, G., Dambier, G., et al., "Bolometers as spectrometers for X-ray astronomy.", 1985ESASP.239..229C ADS
- Damé, L., Bonnet, R. M., & Artzner, G. E., "On the possible use of deep U.V. photoresists correctors to obtain the ultimate U.V. resolution of space borne telescopes.", 1984SPIE..445..318D ADS
- Artzner, G., "Solar H-Lyman-α Flux and Profile Relative Measurements from OSO-8: January 1976 to March 1978", 1983wcrs.proc...87A ADS
- Mouradian, Z., Dumont, S., Pecker, J. C., et al., "Structure and Physics of Solar Faculae - Part Two - the Non-Thermal Velocity Field above Faculae", 1982SoPh...78...83M ADS
- Lemaire, P., Gouttebroze, P., Vial, J. C., & Artzner, G. E., "Physical properties of the solar chromosphere deduced from optically thick lines. I - Observations, data reduction, and modelling of an average plage", 1981A&A...103..160L ADS
- Artzner, G., Cazes, S., Emerich, C., Vial, J. C., & Lemaire, P., "Absorption feature observed on the H Lyman-alpha solar line - an interpretation", 1981A&A...100..205A ADS
- Kneer, F., Scharmer, G., Mattig, W., et al., "OSO-8 Observations of CAIL H and K MGII H and K Lyman-Alpha and Lyman-Beta above a Sunspot", 1981SoPh...69..289K ADS
- Jouchoux, A., Vial, J. C., Artzner, G. E., Gouttebroze, P., & Lemaire, P., "Solar H I LY alpha far wing measurement", 1981A&A...93..415J ADS
- Vial, J. C., Lemaire, P., Artzner, G., & Gouttebroze, P., "On VI (λ = 1032 Å) profiles in and above an active region prominence, compared to quiet Sun center and limb profiles", 1980SoPh...68..187V ADS
- Simon, G., Mouradian, Z., Dumont, S., et al., "Microturbulence near the edge of a solar plage", 1980A&A...89L...8S ADS
- Grossmann-Doerth, U., Kneer, F., Uexküll, M., Artzner, G. E., & Vial, J. C., "Observations of Chromospheric Lines from OSO-8", 1980SoPh...66...3G ADS

- Dumont, S., Mouradian, Z., Pecker, J. C., et al., “Center-to-limb solar observations of the K_2 component of the Ca II K line with the OSO 8 satellite.”, 1980CRASB.290..365D [ADS](#)
- Dumont, S., Mouradian, Z., Pecker, J. C., et al., “Non thermal velocities in the chromosphere-corona transition zone of solar active regions.”, 1980CRASB.290..317D [ADS](#)
- Vial, J. C., Gouttebroze, P., Artzner, G., & Lemaire, P., “Profiles of H I (α), Mg II (h and k), Ca II (H and K) lines of an active filament at the limb, with the LPSP instrument aboard the OSO-8 satellite.”, 1979SoPh...61...39V [ADS](#)
- Vial, J. C., Gouttebroze, P., Artzner, G., & Lemaire, P., “Profiles of H I (α), MG II (h and K), CA II (h and k) Lines in an Active Filament at the Limb, Observed with the LPSP Instrument Onboard the OSO-8 Satellite.”, 1979phsp.co11..250V [ADS](#)
- Artzner, G., “The Solar H-Lyman-alpha Line”, 1978A&A...70L..11A [ADS](#)
- Gouttebroze, P., Lemaire, P., Vial, J. C., & Artzner, G., “The solar hydrogen Lyman-beta and Lyman-alpha lines: disk center observations from OSO 8 compared with theoretical profiles.”, 1978ApJ...225..655G [ADS](#)
- Artzner, G., Leibacher, J., Vial, J. C., Lemaire, P., & Gouttebroze, P., “Simultaneous time-resolved observations of the H α , Mg k 2795 Å, and Ca K solar lines.”, 1978ApJ...224L..83A [ADS](#)
- Lemaire, P., Charra, J., Jouchoux, A., et al., “Calibrated full disk solar H I Lyman-alpha and Lyman-beta profiles.”, 1978ApJ...223L..55L [ADS](#)
- Bonnet, R. M., Lemaire, P., Vial, J. C., et al., “The LPSP instrument on OSO 8. II. In-flight performance and preliminary results.”, 1978ApJ...221.1032B [ADS](#)
- Lemaire, P., Skumanich, A., Artzner, G., et al., “Doppler Shifts measured in O VI line from OSO-B observations above and in the vicinity of plage Mc Math 13738.”, 1978BAAS...10Q.440L [ADS](#)
- Skumanich, A., Jouchoux, A., Castelli, J., et al., “OSO-8 Radio and X-ray observations of the 19 April 1977 flare.”, 1978BAAS...10..441S [ADS](#)
- Jouchoux, A., Skumanich, A., Bonnet, R. M., et al., “EUV observations of class-C X-ray flare by the LPSP (Laboratoire de Physique Stellaire et Planétaire du Centre National de la Recherche Scientifique) spectrometer on OSO-8.”, 1977BAAS...9..432J [ADS](#)
- Artzner, G., Bonnet, R. M., Vial, J. C., et al., “The LPSP experiment on OSO-8. I - Instrumentation, description of operations, laboratory calibrations and pre-launch performances”, 1977SSI...3..131A [ADS](#)
- Skumanich, A., Jouchoux, A., Artzner, G., et al., “Extreme-Ultraviolet Observations of New Cycle Sunspots with the LPSP Spectrometer from OSO-8”, 1977BAAS...9..340S [ADS](#)
- Lemaire, P., Artzner, G., Vial, J. C., et al., “On VI Profiles of Solar Quiet and Active Areas Recorded by OSO-8 LPSP Experiment””, 1977uxsa.co11..46L [ADS](#)
- Lemaire, P., Artzner, G., Bonnet, R. M., et al., “Solar OVI Profiles as Observed by the French Experiment Aboard OSO-8”, 1976BAAS...8R.331L [ADS](#)
- Vial, J. C., Leibacher, J., Lemaire, P., et al., “Periodic temporal phenomena in the solar chromosphere as observed from OSO-8 (LPSP)”, 1976BAAS...8..397V [ADS](#)
- Bonnet, R. M., Artzner, G., Leibacher, J., et al., “Spatial variations of solar profiles of Ca H and K, Mg h and k, and Lyman alpha and beta (H I) resonance lines as observed from OSO-8 (LPSP)”, 1976BAAS...8..397B [ADS](#)
- Artzner, G., Skumanich, A., Bonnet, R. M., et al., “Evolution of sunspot and active region morphology as observed on the resonance lines of Ca (K, H), Mg (k, h), hydrogen (α , β), and O VI from OSO-8 (LPSP)”, 1976BAAS...8..397A [ADS](#)
- Vial, J. C., Artzner, G., Bonnet, R. M., et al., “Prominence Observations with the OSO-8 French Experiment”, 1976BAAS...8..344V [ADS](#)
- Artzner, G., Bonnet, R. M., Leibacher, J., et al., “OSO-8 Observations of the EUV Chromospheric Network”, 1976BAAS...8..332A [ADS](#)
- Vidal-Madjar, A., Artzner, G., Bonnet, R. M., et al., “High resolution atmospheric extinction measurements from the French experiment on board the NASA spacecraft OSO-8”, 1976atps.proc..117V [ADS](#)
- Vidal-Madjar, A., Roble, R. G., Mankin, W. G., et al., “High-Resolution Atmospheric Extinction Measurements from the French Experiment on Board the NASA Spacecraft OSO-8”, 1976ASSL...61..117V [ADS](#)
- Beckers, J. M. & Artzner, G., “High Resolution Spectroscopy of the Disk Chromosphere. III: Upward Moving Disturbances as Observed in the Ca II K-Line Wings”, 1974SoPh...37..309B [ADS](#)