

**Bibliography from ADS file: caccin.bib**  
**September 14, 2022**

- Egidi, A., Caccin, B., Sofia, S., et al., "High-Precision Measurements of the Solar Diameter and Oblateness by the Solar Disk Sextant (SDS) Experiment", 2006SoPh. .235. .407E ADS
- Penza, V., Caccin, B., & Del Moro, D., "The sensitivity of the C I 538.0 nm Fe I 537.9 nm and Ti II 538.1 nm lines to solar active regions", 2004A&A. .427. .345P ADS
- Djafer, D., Sofia, S., Irbah, A., et al., "New data analysis technique developed for the determination of the solar limb position in measurements of the solar diameter and oblateness, and application to observations obtained with the balloon-borne Solar Disk Sextant (SDS) experiment.", 2004cosp. .35. .643D ADS
- Penza, V., del Moro, D., & Caccin, B., "The sensitivity of three lines to AR", 2004IAUS. .223. .137P ADS
- Penza, V., Caccin, B., Ermolli, I., & Centrone, M., "Comparison of model calculations and photometric observations of bright "magnetic" regions", 2004A&A. .413.1115P ADS
- Penza, V., Caccin, B., Ermolli, I., Centrone, M., & Gomez, M. T., "Modeling solar irradiance variations through PSPT images and semiempirical models", 2003ESASP.535. .299P ADS
- Caccin, B., Penza, V., Ermolli, I., & Centrone, M., "Semiempirical modeling of bright magnetic structures observed with Rome PSPT", 2003ESASP.535. .295C ADS
- Caccin, B. & Penza, V., "Search for  $T_{eff}$  variations along the Solar Cycle", 2003MmSAI. .74. .663C ADS
- Ermolli, I., Caccin, B., Centrone, M., & Penza, V., "Modeling solar irradiance variations through full-disk images and semi-empirical atmospheric models", 2003MmSAI. .74. .603E ADS
- Caccin, B. & Penza, V., "Spectral Line Ratios as Temperature Indicators in Solar-Like Stars", 2003IAUS. .210P. E47C ADS
- Caccin, B., Penza, V., & Gomez, M. T., "Spectral line ratios as  $T_{eff}$  indicators in solar-like stars", 2002A&A. .386. .286C ADS
- Caccin, B. & Penza, V., "Line-depth and  $T_{eff}$  variations with the solar cycle", 2002ESASP.477. .205C ADS
- Berrilli, F., Consolini, G., Pietropaolo, E., et al., "2-D multiline spectroscopy of the solar photosphere", 2002A&A. .381. .253B ADS
- Berrilli, F., Caccin, B., Cantarano, S., et al., "Analysis of high resolution and full disk solar images", 2001ESASP.493. .173B ADS
- Caccin, B. & Penza, V., "Statistical description of the intensity fluctuations in the solar photosphere", 2001MmSAI. .72. .541C ADS
- Ambrosino, D. & Caccin, B., "The extreme limb of the Sun", 2001MmSAI. .72. .528A ADS
- Francia, P., Pietropaolo, E., & Caccin, B., "Foreword (2nd National Meeting on the Italian Solar Research)", 2001MmSAI. .72. .477F ADS
- Francia, P., Pietropaolo, E., & Caccin, B., "2nd National Meeting on the Italian Solar Research", 2001MmSAI. .72. . . . . F ADS
- Roberts, M. S., West, R. M., Chitre, D., et al., "Commission 38: Exchange of Astronomers: (Echange Des Astronomes)", 2000IAUTA. .24. .421R ADS
- Caccin, B. & Penza, V., "Line-Depth and  $T_{eff}$  Variations with the Solar Cycle due to Possible Size-Changes of Photospheric Granulation", 2000ESASP.463. .293C ADS
- Berrilli, F., Cantarano, S., Egidi, A., & Caccin, B., "Calibration of the THEMIS-IPM High Speed Acquisition System", 1999ESASP.448.1301B ADS
- Caccin, B., Giammanco, C., Pietropaolo, E., et al., "Performances of THEMIS IPM and First Analyses of 1999 Observations", 1999ESASP.448. .235C ADS
- Consolini, G., Carbone, V., Berrilli, F., et al., "Scaling behavior of the vertical velocity field in the solar photosphere", 1999A&A. .344L. .33C ADS
- Berrilli, F., Florio, A., Consolini, G., et al., "Dependence of the photospheric vertical flow characteristics on the granule dimension", 1999A&A. .344L. .29B ADS
- Cavallini, F., Berrilli, F., Caccin, B., et al., "Italian panoramic monochromator for the THEMIS telescope: the first results and instrument evaluation", 1998SPIE.3355. .940C ADS
- Caccin, B., Ermolli, I., Fofi, M., & Sambuco, A. M., "Variations of the Chromospheric Network with the Solar Cycle", 1998sers.conf. .295C ADS
- Ermolli, I., Fofi, M., Bernacchia, C., et al., "The Prototype RISE-PSPT Instrument Operating in Rome", 1998sers.conf. . . . . 1E ADS
- Consolini, G., Bruno, R., Bavassano, B., et al., "Preliminary results on solar photospheric MHD turbulence studied via signed measures. (Based on THEMIS/IPM observations.)", 1998joso.proc. .115C ADS
- Caccin, B., Ermolli, I., Fofi, M., & Sambuco, A. M., "Variations of the Chromospheric Network with the Solar Cycle", 1998SoPh. .177. .295C ADS
- Ermolli, I., Fofi, M., Bernacchia, C., et al., "The Prototype RISE-PSPT Instrument Operating in Rome", 1998SoPh. .177. . . . . 1E ADS
- Giammanco, C., Crivellari, L., & Caccin, B., "On the temperature determination in theoretical modelling of stellar atmospheres", 1998MmSAI. .69. .663G ADS
- Mainella, G., Bavassano, B., Berrilli, F., et al., "THEMIS-IPM: performance analysis of the system and future developments", 1998MmSAI. .69. .659M ADS
- Consolini, G., Bruno, R., Bavassano, B., et al., "THEMIS-IPM: characterization of the photospheric velocity field", 1998MmSAI. .69. .651C ADS
- Cauzzi, G., Consolini, G., Berrilli, F., et al., "Properties of solar granulation cells in quiet regions as derived from a time series of white light images", 1998MmSAI. .69. .647C ADS
- Caccin, B., Staro, F., & Gomez, M. T., "Variation of the effective temperature with the solar cycle", 1998MmSAI. .69. .595C ADS
- Ermolli, I., Berrilli, F., & Caccin, B., "Foreword", 1998MmSAI. .69. .519E ADS
- Ermolli, I., Berrilli, F., & Caccin, B., "Recent results of the Italian solar research. Proceedings. Meeting, Roma (Italy), 18 - 20 Mar 1998.", 1998MmSAI. .69. .513E ADS
- Berrilli, F., Caccin, B., Cantarano, S., & Egidi, A., "Image acquisition system for the Italian Panoramic Monochromator of the THEMIS telescope.", 1997NCimC. .20. .967B ADS
- Cavallini, F., Ceppatelli, G., Righini, A., et al., "The IPM-Italian Panoramic Monochromator operating at the THEMIS telescope.", 1997cpty.conf. .119C ADS
- Caccin, B., Ermolli, I., Fofi, M., & Sambuco, A. M., "Variations of the network contribution to the solar irradiance", 1997MmSAI. .68. .459C ADS
- Severino, G., Gomez, M. T., & Caccin, B., "Modelling umbrae", 1994ASIC. .433. .169S ADS
- Caccin, B., Gomez, M. T., & Severino, G., "The formation of the alkali resonance lines in cool atmospheres. I. NaI and KI in a sunspot umbra", 1993A&A. .276. .219C ADS
- Berrilli, F., Caccin, B., Cantrano, S., et al., "First measurements of solar oscillations with the THEMIS panoramic monochromator", 1993MmSAI. .64. .781B ADS
- Severino, G., Caccin, B., & Gomez, M. T., "The importance of collisional excitations by HI in cool atmospheres", 1993MmSAI. .64. .565S ADS
- Deverino, G., Caccin, B., & Gomez, M. T., "The Importance of Collisional Excitations by HI in Cool Atmospheres", 1993MmSAI. .64. .565D ADS
- Berrilli, F., Caccin, B., Cantrano, S., Egidi, A., & Ermolli, I., "The solar CCD imaging system at Tor Vergata University", 1993MmSAI. .64. .549B ADS
- Gomez, M. T., Caccin, B., & Severino, G., "Atmospheric structure of sunspots", 1993MmSAI. .64. .519G ADS
- Bertello, L., Caccin, B., Francia, P., & Pietropaolo, E., "New Observations of 5 Minute Oscillations in the Opposite Flanks of Solar Fraunhofer Lines. I. The Effect of Varying the Spectral and Temporal Resolution", 1992ApJ. .401. .768B ADS
- Cavallini, F., Ceppatelli, G., Righini, A., et al., "High-resolution spectroscopic imaging of the Sun with a Universal Birefringent filter and a Fabry-Perot interferometer.", 1992NCimC. .15. .509C ADS
- Caccin, B., Carlsson, M., Gomez, M. T., & Severino, G., "Formation of the KI 7699A Line in Sunspots", 1991ASIC. .341. .415C ADS
- Caccin, B., Fofi, M., Torelli, M., & Smaldone, L. A., "Anisotropies in solar oscillations", 1990A&A. .232. .516C ADS
- Bertello, L. & Caccin, B., "Non-adiabatic modelling of '5-min' oscillations - Effects on photospheric line profiles", 1990A&A. .231. .509B ADS
- Bertello, L. & Caccin, B., "On the diagnostic of 5<sup>m</sup> oscillations through photospheric line profiles.", 1988ESASP.286. .17B ADS
- Mazzitelli, I., Coradini, A., Forni, O., et al., "Summary of Panel Discussion", 1988sca.conf. . . . . 85M ADS
- Caccin, B., Donati-Falchi, A., Falciani, R., Smaldone, L. A., & Tozzi, G. P., "Observational Maps of the Moments of Strong Line Profiles on the Solar Disk", 1987SoPh. .112. .383C ADS
- Onnembo, A., Buonaura, B., Caccin, B., Russo, G., & Sollazzo, C., "The importance of colour-colour loops in the determination of the physical parameters of pulsating variables.", 1985A&A. .152. .3490 ADS
- Caccin, B., Cavallini, F., Ceppatelli, G., Righini, A., & Sambuco, A. M., "Terrestrial O2 lines used as wavelength references Experimental profiles and asymmetries vs. model computations", 1985A&A. .149. .357C ADS
- Caccin, B., Buonaura, B., Onnembo, A., et al., "A Generalization of the CORS Method to Determine Cepheid Radii", 1985cto.conf. . . . . 43C ADS
- Buonaura, B., Caccin, B., Onnembo, A., Russo, G., & Sollazzo, C., "Radii and masses of cepheids and RR Lyrae variables.", 1985MmSAI. .56. .153B ADS
- Caccin, B., "Report on the 1984 activity of the section « Sun and Solar System » of the GNA-CNR", 1984MmSAI. .55. .521C ADS
- Caccin, B., Falchi, A., Falciani, R., Roberti, G., & Smaldone, L. A., "Bidimensional spectroscopy of the solar chromosphere during the maximum year", 1984AdSpR. .4g.215C ADS

- Caccin, B., Falciani, R., Roberti, G., Sambuco, A. M., & Smaldone, L. A., “*Bidimensional Analysis of Solar Active Regions and Flares - Part One - Imaging Spectroscopy with Universal Birefringent Filters*”, 1983SoPh...89...323C  
ADS
- Buonaura, B. & Caccin, B., “*Velocity fields and spectral line asymmetries - A linearized analytical approach to the theory of the line bisector in a Milne-Eddington atmosphere*”, 1982A&A...111...113B ADS
- Eichendorf, W., Heck, A., Caccin, B., Russo, G., & Sollazzo, C., “*UV, optical and IR observations of cepheid R Mus.*”, 1982A&A...109...274E ADS
- Caccin, B., Russo, P., & Smaldone, L. A., “*Digital processing of high resolution solar filtergrams.*”, 1982MmSAI...53...287C ADS
- Caccin, B., Falciani, R., Gomez, M. T., et al., “*Magnetic Fine-Structures and Granular Velocities*”, 1981SSRv...29...373C ADS
- Caccin, B., Gomez, M. T., & Roberti, G., “*Minicomputer version of the NLTE line transfer program of Auer, Heasley, and Milkey.*”, 1981JQSRT...26...15C ADS
- Sollazzo, C., Russo, G., Onnembo, A., & Caccin, B., “*Cepheid radii and masses by means of VBLUW photometry.*”, 1981A&A...99...66S ADS
- Caccin, B., Onnembo, A., Russo, G., & Sollazzo, C., “*An improvement of the Baade-Wesselink method to determine the mean radius of pulsating variables*”, 1980MmSAI...51...607C ADS
- Caccin, B., Gomez, M. T., & Roberti, G., “*The formation of NA I spectral lines in the solar atmosphere*”, 1980A&A...92...63C ADS
- Caccin, B., Onnembo, A., Russo, G., & Sollazzo, C., “*An interactive procedure to determine the mean radius of Cepheids*”, 1980MmSAI...51...505C ADS
- Caccin, B. & Marmolino, C., “*On the retrieval of velocity gradients from photospheric line asymmetries - A linearized approach*”, 1980A&A...83...73C ADS
- Caccin, B., Falciani, R., & Roberti, G., “*Bidimensional spectroscopy of chromospheric active regions with the Universal Birefringent Filter*”, 1980fsoo.conf...121C ADS
- Azzarelli, L., Caroti, F., Chimenti, M., et al., “*Project for bidimensional spectroscopy of solar chromospheric active regions with the universal birefringent filter*”, 1979MmSAI...50...443A ADS
- Caccin, B. & Roberti, G., “*A method for a rough reconstruction of line profiles from a series of narrow-band filtergrams*”, 1979MmSAI...50...393C ADS
- Caccin, B. & Severino, G., “*On the continuum diagnostics of photospheric faculae.*”, 1979ApJ...232...297C ADS
- Caccin, B. & Marmolino, C., “*Determinazione dei gradienti di velocità nella fotosfera solare dalle asimmetrie delle righe di Fraunhofer: un approccio lineare.*”, 1979SAI...22...146C ADS
- Caccin, B., Falciani, R., & Roberti, G., “*Bidimensional spectroscopy of chromospheric active regions with the universal birefringent filter.*”, 1979MmArc.106...121C ADS
- Caccin, B., Falciani, R., & Donati Falchi, A., “*Variation of the profiles of medium-strong photospheric lines with heliographic latitude.*”, 1978SoPh...57...13C ADS
- Caccin, B., Gomez, M. T., & Roberti, G., “*The Formation of NA I Spectral Lines in the Solar Atmosphere*”, 1978hrs.conf...494C ADS
- Caccin, B., Falciani, R., & Roberti, G., “*Bidimensional spectroscopy of chromospheric active regions with the Universal Birefringent Filter*”, 1978fsoo.conf...121C ADS
- Caccin, B., “*Tecniche osservative e discussione - Critica dell'emissione ottica - II*”, 1977MmSAI...48...199C ADS
- Zichichi, A., Renzini, A., Rigutti, M., & Caccin, B., “*The sun, a tool for stellar physics. Proceedings of the 6th Course of the Advanced School of Astronomy held at the “E. Majorana” Centre for Scientific Culture, Erice, Italy, August 8 - 21, 1976.*”, 1977MmSAI...48...335Z ADS
- Caccin, B., Gomez, M. T., Marmolino, C., & Severino, G., “*Response functions and contribution functions of photospheric lines.*”, 1977A&A...54...227C ADS
- Caccin, B., Falciani, R., & Donati-Falchi, A., “*Temperature variations in the solar photosphere. III. Kitt Peak measurements of the variations of photospheric line profiles with the heliographic latitude.*”, 1976SoPh...46...29C ADS
- Caccin, B. & Corraera, L., “*The visible spectrum of quiescent prominences*”, 1975MmSAI...46...293C ADS
- Caccin, B., “*L'utilizzazione degli audiovisivi.*”, 1975GAst...1...383C ADS
- Caccin, B., Falciani, R., & Donati-Falchi, A., “*Some Remarks on Line Weakenings in Photospheric Faculae*”, 1974SoPh...35...41C ADS
- Caccin, B., Falciani, R., & Donati-Falchi, A., “*Temperature Effects on Measurements of Photospheric Magnetic Fields*”, 1974SoPh...35...31C ADS
- Caccin, B., Donati-Falchi, A., & Falciani, R., “*Temperature Variations in the Solar Photosphere. II: Temperature Sensitivity of Some Fraunhofer Lines*”, 1973SoPh...33...49C ADS
- Caccin, B., Moschi, G., Rigutti, M., & Falciani, R., “*Spectropolarimetric Analysis of the Solar Corona during the 12 November 1966 Total Eclipse*”, 1971SoPh...17...89C ADS
- Caccin, B., Falciani, R., Moschi, G., & Rigutti, M., “*Temperature Difference Between the Equator and the Poles of the Sun*”, 1970SoPh...13...33C ADS
- Caccin, B., Donati Falchi, A., & Moschi, G., “*Isophotes and equalpolarization curves of the solar corona during the March 7, 1970 total eclipse*”, 1970MmSAI...41...355C ADS