

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

- Bemporad, A., Andretta, V., Susino, R., et al., "Coronal mass ejection followed by a prominence eruption and a plasma blob as observed by Solar Orbiter", 2022A&A...665A..7B [ADS](#)
- Antonucci, E., "Five Solar Cycles of Solar Corona Investigations", 2022SoPh..297...89A [ADS](#)
- Telloni, D., Zank, G. P., Stangalini, M., et al., "Observation of Magnetic Switchback in the Solar Corona", 2022arXiv220603090T [ADS](#)
- Telloni, D., Adhikari, L., Zank, G. P., et al., "Possible Evidence for Shear-driven Kelvin-Helmholtz Instability along the Boundary of Fast and Slow Solar Wind in the Corona", 2022ApJ...929...98T [ADS](#)
- Andretta, V., Bemporad, A., De Leo, Y., et al., "The first coronal mass ejection observed in both visible-light and UV H I Ly- α channels of the Metis coronagraph on board Solar Orbiter", 2021A&A...656L..14A [ADS](#)
- Romoli, M., Antonucci, E., Andretta, V., et al., "First light observations of the solar wind in the outer corona with the Metis coronagraph", 2021A&A...656A..32R [ADS](#)
- Grimani, C., Andretta, V., Chioetto, P., et al., "Cosmic-ray flux predictions and observations for and with Metis on board Solar Orbiter", 2021A&A...656A..15G [ADS](#)
- Telloni, D., Scolini, C., Möstl, C., et al., "Study of two interacting interplanetary coronal mass ejections encountered by Solar Orbiter during its first perihelion passage. Observations and modeling", 2021A&A...656A..5T [ADS](#)
- Telloni, D., Andretta, V., Antonucci, E., et al., "Exploring the Solar Wind from Its Source on the Corona into the Inner Heliosphere during the First Solar Orbiter-Parker Solar Probe Quadrature", 2021ApJ...920L..14T [ADS](#)
- Telloni, D., Sorriso-Valvo, L., Woodham, L. D., et al., "Evolution of Solar Wind Turbulence from 0.1 to 1 au during the First Parker Solar Probe-Solar Orbiter Radial Alignment", 2021ApJ...912L..21T [ADS](#)
- Volpicelli, C., Landini, F., Pancrazzi, M., et al., "The MDOR/PDOR on-line module for MISO, the planning software of Solar Orbiter instruments", 2020SPIE11452E..05V [ADS](#)
- Horbury, T. S., Auchere, F., Antonucci, E., et al., "Solar Orbiter: connecting remote sensing and in situ measurements", 2020AGUFMSH038..10H [ADS](#)
- Antonucci, E., "Solar Orbiter Investigations of Solar Wind in Corona", 2020AGUFMSH031..01A [ADS](#)
- Antonucci, E., Harra, L., Susino, R., & Telloni, D., "Observations of the Solar Corona from Space", 2020SSRv..216..117A [ADS](#)
- Antonucci, E., Romoli, M., Andretta, V., et al., "Metis: the Solar Orbiter visible light and ultraviolet coronal imager", 2020A&A...642A..10A [ADS](#)
- Auchère, F., Andretta, V., Antonucci, E., et al., "Coordination within the remote sensing payload on the Solar Orbiter mission", 2020A&A...642A..6A [ADS](#)
- Zouganelis, I., De Groof, A., Walsh, A. P., et al., "The Solar Orbiter Science Activity Plan. Translating solar and heliospheric physics questions into action", 2020A&A...642A..3Z [ADS](#)
- Rouillard, A. P., Pinto, R. F., Vourlidas, A., et al., "Models and data analysis tools for the Solar Orbiter mission", 2020A&A...642A..2R [ADS](#)
- Müller, D., St. Cyr, O. C., Zouganelis, I., et al., "The Solar Orbiter mission. Science overview", 2020A&A...642A..1M [ADS](#)
- Telloni, D., Carbone, F., Antonucci, E., et al., "Study of the Influence of the Solar Wind Energy on the Geomagnetic Activity for Space Weather Science", 2020ApJ...896..149T [ADS](#)
- Fineschi, S., Naletto, G., Romoli, M., et al., "Optical design of the multi-wavelength imaging coronagraph Metis for the solar orbiter mission", 2020ExA...49..239F [ADS](#)
- Moses, J. D., Antonucci, E., Newmark, J., et al., "Global helium abundance measurements in the solar corona", 2020NatAs...4..1134M [ADS](#)
- Telloni, D., Antonucci, E., Bemporad, A., et al., "Detection of Coronal Mass Ejections at L1 and Forecast of Their Geoeffectiveness", 2019ApJ...885..120T [ADS](#)
- Fabio Mulone, A., Casti, M., Susino, R., et al., "Distributed framework for Space Weather forecasts", 2019EPSC...13.1997F [ADS](#)
- Telloni, D., Giordano, S., & Antonucci, E., "On the Fast Solar Wind Heating and Acceleration Processes: A Statistical Study Based on the UVCS Survey Data", 2019ApJ...881L..36T [ADS](#)
- Capobianco, G., Fineschi, S., Massone, G., et al., "OPSys: optical payload systems facility for space instrumentation integration and calibration", 2019SPIE11180E..7MC [ADS](#)
- Da Deppo, V., Mottini, S., Naletto, G., et al., "Alignment procedure for the Gregorian telescope of the Metis coronagraph for the Solar Orbiter ESA mission", 2019SPIE11180E..76D [ADS](#)
- Frassetto, F., Da Deppo, V., Zuppella, P., et al., "Optical performance of the Metis coronagraph on the Solar Orbiter ESA mission", 2019SPIE11180E..6YF [ADS](#)
- Casti, M., Fineschi, S., Capobianco, G., et al., "Metis/Solar Orbiter polarimetric visible light channel calibration", 2019SPIE11180E..3CC [ADS](#)
- Landini, F., Romoli, M., Fineschi, S., et al., "Stray light calibration for the Solar Orbiter/Metis solar coronagraph", 2019SPIE11180E..2IL [ADS](#)
- Dolei, S., Spadaro, D., Ventura, R., et al., "Effect of the non-uniform solar chromospheric Ly α radiation on determining the coronal H I outflow velocity", 2019A&A...627A..18D [ADS](#)
- Sasso, C., Pinto, R. F., Andretta, V., et al., "Comparing extrapolations of the coronal magnetic field structure at 2.5 R $_{\odot}$ with multi-viewpoint coronagraphic observations", 2019A&A...627A..9S [ADS](#)
- Casti, M., Mulone, A. F., Susino, R., et al., "The Heliospheric Space Weather Center: A novel space weather service", 2019NCimC..42...48C [ADS](#)
- Capobianco, G., Casti, M., Fineschi, S., et al., "Wide field of view liquid crystals-based modulator for the polarimeter of the Metis/Solar Orbiter", 2018SPIE10698E..30C [ADS](#)
- Bemporad, A., Fineschi, S., Telloni, D., et al., "Space Weather Services from Integration of Remote Sensing and In Situ Data from several Solar Space Missions", 2018cosp...42E.268B [ADS](#)
- Casti, M., Fineschi, S., Capobianco, G., et al., "Calibration of the liquid crystal visible-light polarimeter for the Metis/Solar Orbiter coronagraph", 2018SPIE10698E..31C [ADS](#)
- Dolei, S., Susino, R., Sasso, C., et al., "Mapping the solar wind HI outflow velocity in the inner heliosphere by coronagraphic ultraviolet and visible-light observations", 2018A&A...612A..84D [ADS](#)
- Antonucci, E., Andretta, V., Cesare, S., et al., "METIS, the Multi Element Telescope for Imaging and Spectroscopy: an instrument proposed for the solar orbiter mission", 2017SPIE10566E..0LA [ADS](#)
- Da Deppo, V., Poletto, L., Crescenzi, G., et al., "Preliminary error budget analysis of the coronagraphic instrument metis for the solar orbiter ESA mission", 2017SPIE10564E..3BD [ADS](#)
- Romoli, M., Landini, F., Moses, D., et al., "Evaluation of the stray light from the diffraction of METIS coronagraph external occulter", 2017SPIE10564E..37R [ADS](#)
- Landini, F., Vives, S., Romoli, M., et al., "The optimization of the inverted occulter of the solar orbiter/METIS coronagraph/spectrometer", 2017SPIE10564E..0FL [ADS](#)
- Frassetto, F., Poletto, L., Fineschi, S., et al., "Internal checkup illumination sources for METIS coronagraph on solar orbiter", 2017SPIE10563E..5JF [ADS](#)
- Verroi, E., Da Deppo, V., Naletto, G., Fineschi, S., & Antonucci, E., "METIS-ESA solar orbiter mission internal straylight analysis", 2017SPIE10563E..1NV [ADS](#)
- Romoli, M., Landini, F., Antonucci, E., et al., "METIS: the visible and UV coronagraph for solar orbiter", 2017SPIE10563E..1MR [ADS](#)
- Sandri, P., Sarra, P., Radaelli, P., et al., "Optical measurements of the mirrors and of the interferential filter of the Metis coronagraph on Solar Orbiter", 2017SPIE10397E..16S [ADS](#)
- Appourchaux, T., Auchère, F., Antonucci, E., et al., "SOLARIS: Solar Sail Investigation of the Sun", 2017arXiv170708193A [ADS](#)
- Spadaro, D., Susino, R., Dolei, S., Ventura, R., & Antonucci, E., "Investigating the behaviour of neutral hydrogen Ly α spectral line width in polar coronal holes at solar minimum", 2017A&A...603A..35S [ADS](#)
- Pancrazzi, M., Straus, T., Andretta, V., et al., "A virtual appliance as proxy pipeline for the Solar Orbiter/Metis coronagraph", 2016SPIE.9913E..4LP [ADS](#)
- Fineschi, S., Sandri, P., Landini, F., et al., "Stray-light analyses of the METIS coronagraph on Solar Orbiter", 2015SPIE.9604E..0KF [ADS](#)
- Capobianco, G., Fineschi, S., Focardi, M., et al., "Polarimetric calibrations and astronomical polarimetry in the V-band with Solar Orbiter/METIS instrument", 2014SPIE.9143E..4VC [ADS](#)
- Andretta, V., Bemporad, A., Focardi, M., et al., "On-board detection and removal of cosmic ray and solar energetic particle signatures for the Solar Orbiter-METIS coronagraph", 2014SPIE.9152E..2QA [ADS](#)
- Bemporad, A., Andretta, V., Pancrazzi, M., et al., "On-board CME detection algorithm for the Solar Orbiter-METIS coronagraph", 2014SPIE.9152E..0KB [ADS](#)
- Pancrazzi, M., Focardi, M., Nicolini, G., et al., "Hardware and software architecture on board solar orbiter/METIS: an update", 2014SPIE.9144E..3FP [ADS](#)
- Focardi, M., Capobianco, G., Andretta, V., et al., "In-flight UV and polarized-VL radiometric calibrations of the solar orbiter/METIS imaging coronagraph", 2014SPIE.9144E..09F [ADS](#)
- Telloni, D., Antonucci, E., Dolei, S., et al., "Stereoscopic investigation on plasma density fluctuations in the outer solar corona", 2014A&A...565A..22T [ADS](#)
- Telloni, D., Carbone, F., Lepreti, F., & Antonucci, E., "Stochasticity and Persistence of Solar Coronal Mass Ejections", 2014ApJ...781L..1T [ADS](#)

- Telloni, D., Ventura, R., Romano, P., Spadaro, D., & Antonucci, E., "Detection of Plasma Fluctuations in White-light Images of the Outer Solar Corona: Investigation of the Spatial and Temporal Evolution", [2013ApJ...767..138T](#) [ADS](#)
- Antonucci, E., Abbo, L., & Telloni, D., "UVCS Observations of Temperature and Velocity Profiles in Coronal Holes", in D. Burgess, J. Drake, E. Marsch, R. von Steiger, M. Velli, and T. Zurbuchen (Eds.), Multi-scale Physics in Coronal Heating and Solar Wind Acceleration. Series: Space Sciences Series of ISSI, Vol. 38, 5–22 [2013mspc.book...5A](#) [ADS](#)
- Antonucci, E., Abbo, L., & Telloni, D., "UVCS Observations of Temperature and Velocity Profiles in Coronal Holes", [2012SSRv..172....5A](#) [ADS](#)
- Capobianco, G., Fineschi, S., Massone, G., et al., "Electro-optical polarimeters for ground-based and space-based observations of the solar K-corona", [2012SPIE.8450E..40C](#) [ADS](#)
- Nicolini, G., Andretta, V., Abbo, L., et al., "MESSI: the METIS instrument software simulator", [2012SPIE.8449E..1LN](#) [ADS](#)
- Crescenzi, G., Fineschi, S., Capobianco, G., et al., "Imaging polarimetry with the METIS coronagraph of the Solar Orbiter mission", [2012SPIE.8443E..3JC](#) [ADS](#)
- Uslenghi, M., Incorvaia, S., Fiorini, M., et al., "A prototype of the UV detector for METIS on Solar Orbiter", [2012SPIE.8443E..3IU](#) [ADS](#)
- Fineschi, S., Antonucci, E., Naletto, G., et al., "METIS: a novel coronagraph design for the Solar Orbiter mission", [2012SPIE.8443E..3HF](#) [ADS](#)
- Polito, V., Corso, A. J., Zuppella, P., et al., "Analysis of optical efficiency of METIS coronagraph telescope on board of the Solar Orbiter mission", [2012SPIE.8443E..3GP](#) [ADS](#)
- Antonucci, E., Fineschi, S., Naletto, G., et al., "Multi Element Telescope for Imaging and Spectroscopy (METIS) coronagraph for the Solar Orbiter mission", [2012SPIE.8443E..09A](#) [ADS](#)
- Verroi, E., Da Deppo, V., Naletto, G., Fineschi, S., & Antonucci, E., "Preliminary internal straylight analysis of the METIS instrument for the Solar Orbiter ESA mission", [2012SPIE.8442E..4NV](#) [ADS](#)
- Focardi, M., Pancrazzi, M., Uslenghi, M., et al., "The processing and power unit of the METIS coronagraph aboard the Solar Orbiter space mission", [2012SPIE.8442E..41F](#) [ADS](#)
- Landini, F., Vivès, S., Romoli, M., et al., "Optimization of the occulter for the Solar Orbiter/METIS coronagraph", [2012SPIE.8442E..27L](#) [ADS](#)
- Abbo, L., Antonucci, E., Lionello, R., Mikić, Z., & Riley, P., "Formation of the current sheet in a coronal streamer", [2011arXiv1111.2711A](#) [ADS](#)
- Pancrazzi, M., Focardi, M., Uslenghi, M., et al., "The solar orbiter METIS coronagraph data signal processing chain", [2011SPIE.8167E..2CP](#) [ADS](#)
- Fineschi, S., Crescenzi, G., Massone, G., et al., "OPSys: optical payload systems facility for testing space coronagraphs", [2011SPIE.8148E..0WF](#) [ADS](#)
- Antonucci, E., "Solar Orbiter. The need to go close to the Sun", [2011MmSAT..82..412A](#) [ADS](#)
- Abbo, L., Antonucci, E., Mikić, Z., et al., "Characterization of the slow wind in the outer corona", [2010AdSpR..46.1400A](#) [ADS](#)
- Newmark, J., Moses, J., Antonucci, E., et al., "HERSCHEL Sounding Rocket Mission Observations of the Helium Corona", [2010AAS...21640721N](#) [ADS](#)
- Telloni, D., D'Amicis, R., & Antonucci, E., "SOHO/UVCS Detection of Turbulence in a Coronal Mass Ejection", [2010AIPC.1216..432T](#) [ADS](#)
- Antonucci, E. & Moses, D., "Dynamics of the large-scale corona", [2010cosp...38.2939A](#) [ADS](#)
- Telloni, D., Bruno, R., Carbone, V., Antonucci, E., & D'Amicis, R., "Statistics of Density Fluctuations During the Transition from the Outer Solar Corona to the Interplanetary Space", [2009ApJ...706..238T](#) [ADS](#)
- Antonucci, E., "The astronomical Torino Observatory: the history", [2009lnu..confE..16A](#) [ADS](#)
- Briand, C., Antonucci, E., & Haubold, H. J., "Preface to the Proceedings of the European General Assembly on IHY 2007", [2009EM&P..104....1B](#) [ADS](#)
- Telloni, D., Antonucci, E., Bruno, R., & D'Amicis, R., "Persistent and Self-Similar Large-Scale Density Fluctuations in the Solar Corona", [2009ApJ...693.1022T](#) [ADS](#)
- Antonucci, E., Telloni, D., Bruno, R., & D'Amicis, R., "Investigation on the Possible Coupling Between Coronal Variability and Photospheric Dynamics", [2008AGUFMSH41A1601A](#) [ADS](#)
- Telloni, D., Bruno, R., Antonucci, E., D'Amicis, R., & Bemporad, A., "Comparison of Large-Scale Density Fluctuations in the Outer Corona and in the Inner Heliosphere for Both Fast and Slow Solar Wind", [2008AGUFMSH13B1544T](#) [ADS](#)
- Telloni, D., Antonucci, E., Bruno, R., & D'Amicis, R., "Evidence for Power Law in the Spectrum of the Coronal Ly-alpha Line", [2008cosp...37.3165T](#) [ADS](#)
- D'Amicis, R., Mura, A., Orsini, S., et al., "Numerical studies on neutral solar wind flux at Solar Orbiter's perihelion", [2008cosp...37..621D](#) [ADS](#)
- Antonucci, E., "Activities in Italy for the International Heliophysical Year", [2008cosp...37..106A](#) [ADS](#)
- Abbo, L., Dodero, M. A., Mikić, Z., Riley, P., & Antonucci, E., "Characterization of the slow solar wind in the outer corona", [2008cosp...37....8A](#) [ADS](#)
- Abbo, L., Zangrilli, L., Antonucci, E., et al., "Investigation of the solar wind outflows and joint observations during the total solar eclipse of March 29, 2006", [2008cosp...37....7A](#) [ADS](#)
- D'Amicis, R., Telloni, D., Orsini, S., et al., "Numerical studies on neutral solar wind generated at high and low solar latitudes", [2007AGUFMSH21A0291D](#) [ADS](#)
- Telloni, D., Antonucci, E., & Dodero, M. A., "Oxygen temperature anisotropy and solar wind heating above coronal holes out to 5 R_⊕", [2007A&A...476.1341T](#) [ADS](#)
- Telloni, D., Antonucci, E., & Dodero, M. A., "Outflow velocity of the O⁺⁵ ions in polar coronal holes out to 5 R_⊕", [2007A&A...472..299T](#) [ADS](#)
- D'Amicis, R., Orsini, S., Antonucci, E., et al., "Numerical simulations of coronal hole-associated neutral solar wind as expected at the Solar Orbiter position", [2007JGRA..112.6110D](#) [ADS](#)
- Antonucci, E., "Wind in the Solar Corona: Dynamics and Composition", in D. N. Baker, B. Klecker, S. J. Schwartz, R. Schwenn, and R. von Steiger (Eds.), Solar Dynamics and Its Effects on the Heliosphere and Earth. Series: Space Sciences Series of ISSI, Vol. 22, 35–50 [2007sdeh.book..35A](#) [ADS](#)
- Romoli, M., Capobianco, G., Da Deppo, V., et al., "The HERSCHEL/SCORE Visible And UV Coronagraph", [2007ESASP.641E..79R](#) [ADS](#)
- Hilchenbach, M., Orsini, S., Hsieh, K. C., et al., "Solar Orbiter Neutral Solar Wind Detector", [2007ESASP.641E..46H](#) [ADS](#)
- D'Amicis, R. D., Orsini, S., Antonucci, E., et al., "Numerical Simulations Of The Neutral Solar Wind Distribution As Expected At The Solar Orbiter Position", [2007ESASP.641E..10D](#) [ADS](#)
- Telloni, D., Antonucci, E., & Dodero, M. A., "On VI Kinetic Temperature and Outflow Velocity in Solar Corona Beyond 3R???", [2006ESASP.617E.110T](#) [ADS](#)
- Abbo, L., Antonucci, E., Dodero, M. A., Mikić, Z., & Riley, P., "Slow Coronal Wind Composition", [2006ESASP.617E..17A](#) [ADS](#)
- Antonucci, E., "Wind in the Solar Corona: Dynamics and Composition", [2006SSRv..124...35A](#) [ADS](#)
- Antonucci, E., Abbo, L., & Telloni, D., "Oxygen Abundance and Energy Deposition in the Slow Coronal Wind", [2006ApJ...643.1239A](#) [ADS](#)
- Aboudarham, J., Scholl, I., Csillagh, A., et al., "European Grid of Solar Observations (EGSO)", [2006ihy..conf..18A](#) [ADS](#)
- Antonucci, E., Abbo, L., & Telloni, D., "Characteristics of the coronal slow wind acceleration regions", [2006cosp...36.3627A](#) [ADS](#)
- Telloni, D., Antonucci, E., & Dodero, M. A., "Spectroscopic measurement of OVI kinetic temperature and outflow velocity in a polar coronal hole", [2006cosp...36.3600T](#) [ADS](#)
- Volpicelli, C. A., Antonucci, E., Cora, A., et al., "SOLARNET-Italian Solar Archive Federation. The First Italian Virtual Observatory Application", [2006MSAIS...9..129V](#) [ADS](#)
- Aboudarham, J., Scholl, I., Fuller, N., et al., "A New Way to look at Observations with EGSO", [2006IAUS..233..229A](#) [ADS](#)
- Gabriel, A. H., Abbo, L., Bely-Dubau, F., Llebaria, A., & Antonucci, E., "Solar Wind Outflow in Polar Plumes from 1.05 to 2.4 R_⊕", [2005ApJ...635L.185G](#) [ADS](#)
- Fineschi, S., Zangrilli, L., Rossi, G., et al., "KPol: liquid crystal polarimeter for K-corona observations from the SCORE coronagraph", [2005SPIE.5901..389F](#) [ADS](#)
- Frassetto, F., Garoli, D., Monaco, G., et al., "Space applications of Si/B_4C multilayer coatings at extreme ultra-violet region: comparison with standard Mo/Si coatings", [2005SPIE.5901..161F](#) [ADS](#)
- Bentley, R. D., Scholl, I., Csillagh, A., et al., "EGSO - A maturing VO for Solar Physics", [2005AGUFMSH43B..01B](#) [ADS](#)
- Antonucci, E., Abbo, L., & Dodero, M. A., "Slow wind and magnetic topology in the solar minimum corona in 1996-1997", [2005A&A...435..699A](#) [ADS](#)
- Antonucci, E., "The scientific possibilities for coronagraphy from the Solar Orbiter", [2005AdSpR..36.1367A](#) [ADS](#)
- Moses, J. D., Newmark, J., McMullin, D., et al., "HERSCHEL Suborbital Program: 3-D Applications for the STEREO Mission", [2004AGUFMSH23A..08M](#) [ADS](#)
- Bentley, R. D., Scholl, I., Csillagh, A., et al., "Solving Science Use Cases that relate to the Sun and Heliosphere with EGSO", [2004AGUFMSH21B0415B](#) [ADS](#)
- Naletto, G., Antonucci, E., Fineschi, S., et al., "SPECTRE: a spectro-heliograph for the transition region", [2004ESASP.554..251N](#) [ADS](#)
- Bentley, R. D., Scholl, I., Csillagh, A., et al., "The European Grid of Solar Observations", [2004AAS...204.5206B](#) [ADS](#)
- Antonucci, E., Dodero, M. A., Giordano, S., Krishnakumar, V., & Noci, G., "Spectroscopic measurement of the plasma electron density and outflow velocity in a polar coronal hole", [2004A&A...416..749A](#) [ADS](#)

- Gherardi, A., Gori, L., Focardi, M., et al., "CCD camera for ground- and space-based solar corona observations", 2004SPIE.5171..247G [ADS](#)
- Frassetto, F., Naletto, G., Nicolosi, P., Antonucci, E., & Fineschi, S., "A white light coronagraph for the SDO mission", 2004cosp...35.4390F [ADS](#)
- Antonucci, E., "The scientific possibilities for coronagraphy from the Solar Orbiter", 2004cosp...35.4009A [ADS](#)
- Antonucci, E., "Spectral observations of the solar wind", 2004cosp...35.4006A [ADS](#)
- Bentley, R. D., Csillaghy, A., Scholl, I., et al., "Integrated Access to Solar Data using EGSO", 2004cosp...35.3935B [ADS](#)
- Abbo, L. & Antonucci, E., "The ultraviolet spectroscopy and the sources of the slow solar wind", 2004cosp...35.1875A [ADS](#)
- Antonucci, E. & Abbo, L., "Spectroscopic Results with the Ultraviolet Coronagraph Spectrometer on the Solar and Heliospheric Observatory", 2004MSAIS...5..26A [ADS](#)
- Gabriel, A. H., Bely-Dubau, F., Lemaire, P., & Antonucci, E., "Outflow Velocities in Polar Coronal Holes", 2004IAUS..219..635G [ADS](#)
- Romoli, M., Antonucci, E., Fineschi, S., et al., "The Ultraviolet and Visible-light Coronagraph of the HERSCHEL experiment", 2003AIPC..679..846R [ADS](#)
- Abbo, L., Antonucci, E., Dodero, M. A., & Benna, C., "Investigation of the sources of the slow solar wind", 2003AIPC..679..238A [ADS](#)
- D'Amicis, R., Hilchenbach, M., Orsini, S., et al., "Simulation of Coronal Hole-Associated Neutral Solar Wind as Expected at the Solar Orbiter Position", 2003EAEJA....10167D [ADS](#)
- Fineschi, S., Antonucci, E., Romoli, M., et al., "Ultraviolet and Visible-light Coronagraphic Imager (UVCI)", 2003SPIE.4853..162F [ADS](#)
- Gardiol, D., Romoli, M., Landini, F., et al., "UVCI for HERSCHEL: instrument description and activity status report", 2003MmSAI..74..839G [ADS](#)
- Reardon, K., Antonucci, E., Giordano, S., et al., "EGSO - The European Grid of Solar Observations", 2003MmSAI..74..823R [ADS](#)
- Cora, A., Antonucci, E., Dimitoglou, G., Volpicelli, C. A., & Giordano, S., "SOHO Long-term ARchive: Information Retrieval Approach", 2003MmSAI..74..819C [ADS](#)
- Abbo, L., Antonucci, E., Mikić, Z., et al., "Acceleration region of the slow solar wind in corona", 2003MmSAI..74..733A [ADS](#)
- Zangrilli, L., Fineschi, S., Loreggia, D., et al., "Imaging Stokes polarimeter based on liquid crystals for the study of the K-solar corona", 2003MmSAI..74..528Z [ADS](#)
- Cora, A., Volpicelli, C. A., Antonucci, E., & Dimitoglou, G., "SOHO Long-term ARchive (SOLAR)", 2003MmSAI..74..462C [ADS](#)
- Messerotti, M., Coretti, I., Padovan, S., et al., "The Italian solar data archives: national and European perspectives", 2003MmSAI..74..391M [ADS](#)
- Antonucci, E., "Italian Space Solar Physics Programs within the International Living with a Star Initiative", 2003MSAIS...3..316A [ADS](#)
- Hill, F., Csillaghy, A., Bentley, R. D., et al., "EGSO in need for a global schema", 2002SPIE.4846..35H [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](#)
- Abbo, L. & Antonucci, E., "The streamer boundary and the source of the slow wind", 2002ESASP.508..477A [ADS](#)
- Moses, J. D., Newmark, J., Howard, R., et al., "HElium Resonance Scattering in the Corona and HELiosphere (HERSCHEL)", 2002AGUSMHS21B..03M [ADS](#)
- Abbo, L. & Antonucci, E., "Coronal hole-streamer interface in the extended corona", 2002ESASP.477..323A [ADS](#)
- Marsch, E., Antonucci, E., Bochsler, P., et al., "Solar orbiter, a high-resolution mission to the sun and inner heliosphere", 2002AdSpR..29.2027M [ADS](#)
- Romoli, M., Landini, F., Fineschi, S., et al., "Stray light evaluation of the Ultraviolet and Visible-light Coronagraph Imager (UVCI) rocket prototype", 2001SPIE.4498..27R [ADS](#)
- Fleck, B., Marsch, E., Antonucci, E., et al., "Solar Orbiter: a high-resolution mission to the sun and inner heliosphere", 2001SPIE.4498..1F [ADS](#)
- Antonucci, E. & Giordano, S., "Oxygen abundance in the extended corona at solar minimum", 2001AIPC..598..77A [ADS](#)
- Raymond, J. C., Mazur, J. E., Allegrini, F., et al., "Coronal and solar wind elemental abundances", 2001AIPC..598..49R [ADS](#)
- Marsch, E., Harrison, R., Pace, O., et al., "Solar Orbiter, a high-resolution mission to the Sun and inner heliosphere", 2001ESASP.493D..11M [ADS](#)
- Fineschi, S., Antonucci, E., Gardiol, D., et al., "Extended UV corona imaging from the Solar Orbiter: the Ultraviolet and Visible-light Coronagraph (UVC)", 2001ESASP.493..217F [ADS](#)
- Antonucci, E., "Coronagraph instrumentation - report of Payload Splinter Group 2", 2001ESASP.493..145A [ADS](#)
- Antonucci, E., "The Sun's global corona in 3D", 2001ESASP.493..43A [ADS](#)
- Zurbuchen, T. H., Von Steiger, R., Riley, P., et al., "Coronal hole boundaries from the Sun to the Heliosphere: Constraints on the sources and structure of the solar wind", 2001AGUSM..SH21B06Z [ADS](#)
- Marocchi, D., Antonucci, E., & Giordano, S., "Oxygen abundance in coronal streamers during solar minimum", 2001AnGeo..19..135M [ADS](#)
- Marsch, E., Antonucci, E., Bochsler, P., et al., "Solar Orbiter; a High-Resolution Mission to the Sun and Inner Heliosphere", 2001IAUS..203..565M [ADS](#)
- Antonucci, E., Fineschi, S., Gardiol, D., et al., "Ultraviolet and visible-light coronagraph for the Solar Orbiter mission", 2000SPIE.4139..378A [ADS](#)
- Antonucci, E., Dodero, M. A., & Giordano, S., "Fast Solar Wind Velocity in a Polar Coronal Hole during Solar Minimum", 2000SoPh..197..115A [ADS](#)
- Fleck, B., Marsch, E., Schwenn, R., et al., "Solar Orbiter — A High Resolution Mission to the Sun and Inner Heliosphere", 2000SPD...31.0296F [ADS](#)
- Giordano, S., Antonucci, E., Noci, G., Romoli, M., & Kohl, J. L., "Identification of the Coronal Sources of the Fast Solar Wind", 2000ApJ...531L..79G [ADS](#)
- Ciaravella, A., Raymond, J. C., Thompson, B. J., et al., "Solar and Heliospheric Observatory Observations of a Helical Coronal Mass Ejection", 2000ApJ...529..575C [ADS](#)
- Giordano, S., Antonucci, E., & Dodero, M. A., "Oxygen Outflow Velocities in a Polar Coronal Hole", 2000AdSpR..25.1927G [ADS](#)
- Antonucci, E., Giordano, S., & Dodero, M. A., "Hydrogen and Oxygen Temperatures in Coronal Holes", 2000AdSpR..25.1923A [ADS](#)
- Antonucci, E., "Solar Wind Acceleration Region", 1999ESASP.446..53A [ADS](#)
- Antonucci, E., Alexander, D., Culhane, J. L., et al., "Flare dynamics.", 1999mfs..conf..331A [ADS](#)
- Cranmer, S. R., Kohl, J. L., Noci, G., et al., "An Empirical Model of a Polar Coronal Hole at Solar Minimum", 1999ApJ...511..481C [ADS](#)
- Ciaravella, A., Raymond, J. C., Strachan, L., et al., "Ultraviolet and Optical Observations of a Coronal Transient with SOHO", 1999ApJ...510.1053C [ADS](#)
- Antonucci, E., Ciminiera, L., Malvezzi, A. M., & Tondello, G., "Multilayer grating spectrometer for solar observations", 1998SPIE.3443..75A [ADS](#)
- Dodero, M. A., Antonucci, E., Giordano, S., & Martin, R., "Solar Wind Velocity and Anisotropic Coronal Kinetic Temperature Measured with the O VI Doublet Ratio", 1998SoPh..183..77D [ADS](#)
- Kohl, J. L., Noci, G., Antonucci, E., et al., "UVCS/SOHO Empirical Determinations of Anisotropic Velocity Distributions in the Solar Corona", 1998ApJ...501L.127K [ADS](#)
- Fludra, A., Strachan, L., Alexander, D., et al., "Empirical Models of Temperature, Densities, and Velocities in the Solar Corona", 1998EOSTr..79..278F [ADS](#)
- Dodero, M. A., Antonucci, E., & Martin, R., "Doppler dimming of the O VI 1032, 1037 doublet in the solar corona", 1998MmSAI..69..757D [ADS](#)
- Antonucci, E., "Scientific Achievements of SOHO: Outer Corona", 1998ESASP.417..25A [ADS](#)
- Ciaravella, A., Raymond, J. C., Fineschi, S., et al., "Ultraviolet Spectroscopy of a Coronal Mass Ejection", 1998ASPC..150..370C [ADS](#)
- Panasuk, A. V., Strachan, L., Fineschi, S., et al., "Tomographic Reconstructions of the Corona from UVCS/SOHO Synoptic Observations", 1998ASPC..140..407P [ADS](#)
- Ciaravella, A., Raymond, J. C., Benna, C., et al., "Ultraviolet Observations of Coronal Mass Ejections", 1997ESASP.415..543C [ADS](#)
- Strachan, L., Panasuk, A. V., Fineschi, S., et al., "Determination of 3D Coronal Structures from UVCS/SOHO Synoptic Observations", 1997ESASP.415..539S [ADS](#)
- Giordano, S., Antonucci, E., Benna, C., et al., "Solar Wind Acceleration in the Solar Corona", 1997ESASP.415..327G [ADS](#)
- Ciaravella, A., Raymond, J. C., Fineschi, S., et al., "Ultraviolet Coronagraph Spectrometer Observation of the 1996 December 23 Coronal Mass Ejection", 1997ApJ...491L..59C [ADS](#)
- Antonucci, E., Kohl, J. L., Noci, G., et al., "Velocity Fields in the Solar Corona during Mass Ejections as Observed with UVCS-SOHO", 1997ApJ...490L.183A [ADS](#)
- Antonucci, E. & Shea, M. A., "The Sun and its atmosphere. Proceedings. E2.1 Symposium of COSPAR Scientific Commission E held during the Thirty-first COSPAR Scientific Assembly, Birmingham (UK), 14 - 21 Jul 1996.", 1997AdSpR..20R..A [ADS](#)
- Raymond, J. C., Kohl, J. L., Noci, G., et al., "Composition of Coronal Streamers from the SOHO Ultraviolet Coronagraph Spectrometer", 1997SoPh..175..645R [ADS](#)
- Kohl, J. L., Noci, G., Antonucci, E., et al., "First Results from the SOHO Ultraviolet Coronagraph Spectrometer", 1997SoPh..175..613K [ADS](#)
- Antonucci, E., Giordano, S., Noci, G., et al., "Evidence of untwisting magnetic fields in the Coronal Mass Ejections of June 7, 1996", 1997BAAS...29R1120A [ADS](#)

- Giordano, S., Antonucci, E., Benna, C., Kohl, J. K., & Noci, G., "Global Sun Study: line broadening in the extended corona", 1997BAAS...29.1120G ADS
- Antonucci, E. & Page, D. E., "The Sun and its role in the heliosphere. Proceedings. E2.2 Symposium of COSPAR Scientific Commission E held during the Thirty-first COSPAR Scientific Assembly, Birmingham (UK), 14 - 21 Jul 1996.", 1997AdSpR..20Q....A ADS
- Kohl, J. L., Noci, G., Antonucci, E., et al., "Empirical Models of the Extended Solar Corona", 1997SPD...28.0303K ADS
- Strachan, L., Fineschi, S., Gardner, L. D., et al., "UVCS/SOHO Synoptic Observations of the Extended Corona during the Whole Sun Month Campaign", 1997SPD...28.0122S ADS
- Ciaravella, A., Raymond, J. C., Fineschi, S., Romoli, M., & Antonucci, E., "Ultraviolet Spectroscopy of Coronal Mass Ejection", 1997SPD...28.0121C ADS
- Raymond, J. C., Kohl, J., Suleiman, R., et al., "Absolute Elemental Abundances in Streamers", 1997SPD...28.0114R ADS
- Schmitt, H. R., Kinney, A. L., Storchi-Bergmann, T., Antonucci, & Robert, "A Comparison of Radio Axis with Host Galaxy Plane Axis in Seyfert Galaxies", 1997ApJ...477..623S ADS
- Antonucci, E. & Simnett, G. M., "Future Space Instrumentation for Solar Physics", in G. M. Simnett, C. E. Ali sandrakis, and L. Vlahos (Eds.), European Meeting on Solar Physics, Vol. 489, 261 1997LNP...489..261A ADS
- Strachan, L., Raymond, J. C., Panasyuk, A. V., et al., "Spectroscopic observations of the extended corona during the SOHO whole sun month", 1997ESASP.404..691S ADS
- Giordano, S., Antonucci, E., Benna, C., et al., "Plume and interplume regions and solar wind acceleration in polar coronal holes between 1.5 and 3.5 R_{sun}", 1997ESASP.404..413G ADS
- Ciaravella, A., Raymond, J., Fineschi, S., et al., "Ultraviolet spectroscopy of a coronal mass ejection with UVCS", 1997ESASP.404..279C ADS
- Antonucci, E., Giordano, S., Benna, C., et al., "Signature of open magnetic field lines in the extended solar corona and of solar wind acceleration", 1997ESASP.404..175A ADS
- Noci, G., Kohl, J. L., Antonucci, E., et al., "The quiescent corona and slow solar wind", 1997ESASP.404..75N ADS
- Noci, G., Kohl, J. L., Antonucci, E., et al., "First results from UVCS/SOHO", 1997AdSpR..20.2219N ADS
- Antonucci, E. & Shea, M. A., "Preface", 1997AdSpR..20.2205A ADS
- Kohl, J. H., Noci, G., Antonucci, E., et al., "Measurements of H I and O VI velocity distributions in the extended solar corona with UVCS/SOHO and UVCS/Spartan 20I", 1997AdSpR..20....3K ADS
- Antonucci, E. & Page, D. E., "Preface", 1997AdSpR..20....1A ADS
- Antonucci, E., Noci, G., Kohl, J. L., et al., "First Results from UVCS: Dynamics of the Extended Corona", 1997ASPC..118..273A ADS
- Gardner, L. D., Kohl, J. L., Daigneau, P. S., et al., "Stray light, radiometric, and spectral characterization of UVCS/SOHO: laboratory calibration and flight performance", 1996SPIE.2831....2G ADS
- Kohl, J. L., Noci, G., Antonucci, E., et al., "First Results from the SOHO Ultraviolet Coronagraph Spectrometer", 1996AAS...188.4906K ADS
- Michels, J., Kohl, J. L., Noci, G., et al., "Intercalibration and Co-Registration of the LASCO, UVCS and SUMER instruments on SOHO", 1996AAS...188.3706M ADS
- Gardner, L. D., Kohl, J. L., Noci, G., et al., "In-Flight Performance of the SOHO Ultraviolet Coronagraph Spectrometer", 1996AAS...188.3705G ADS
- Fineschi, S., Kohl, J. L., Noci, G., et al., "Coordinated SOHO Observations of Polar Plumes: Ultraviolet Spectroscopy with UVCS", 1996AAS...188.3704F ADS
- Romoli, M., Kohl, J. L., Noci, G., et al., "Spectroscopic Diagnostic Techniques with the SOHO Ultraviolet Coronagraph Spectrometer", 1996AAS...188.3703R ADS
- Raymond, J. C., Noci, G., Kohl, J. L., et al., "Coronal Emission Lines with UVCS", 1996AAS...188.3702R ADS
- Noci, G., Kohl, J. L., Antonucci, E., et al., "Ultraviolet Imaging of the Extended Solar Corona with the SOHO Ultraviolet Coronagraph Spectrometer", 1996AAS...188.3701N ADS
- Damé, L., Derrien, M., Kozlowski, M., et al., "SIMURIS: a UV and XUV Mission for high resolution solar physics", 1996AdSpR..17d.377D ADS
- Antonucci, E., Benna, C., Dodero, M. A., & Martin, R., "Non-thermal velocities in flare plasmas", 1996AdSpR..17d..47A ADS
- Antonucci, E., Benna, C., & Somov, B. V., "Interpretation of the Observed Plasma "Turbulent" Velocities as a Result of Magnetic Reconnection in Solar Flares", 1996ApJ...456..833A ADS
- Kohl, J. L., Esser, R., Gardner, L. D., et al., "The Ultraviolet Coronagraph Spectrometer for the Solar and Heliospheric Observatory", 1995SoPh..162..313K ADS
- Kohl, J. L., Esser, R., Gardner, L. D., et al., "Ultraviolet Coronagraph Spectrometer for the Solar and Heliospheric Observatory: instrument description and calibration overview", 1995SPIE.2517...40K ADS
- Antonucci, E. & Martin, R., "Differential Emission Measure and Iron-to-Calcium Abundance in Solar Flare Plasmas", 1995ApJ...451..402A ADS
- Antonucci, E. & Martin, R., "Variations in iron and calcium abundances during solar flares", 1995AdSpR..15g..37A ADS
- Raymond, J. C., Kohl, J. L., Esser, R., et al., "The Ultraviolet Coronagraph Spectrometer for the Solar and Heliospheric Observatory", 1995SPD...26..720R ADS
- Antonucci, E., Kohl, J. L., Noci, G., et al., "UVCS Science from SOHO", 1995jena.conf..80A ADS
- Antonucci, E., Dodero, M. A., Somov, B. V., & Verneta, "UV lines emitted from plasma accelerated during magnetic reconnection", 1995NCimD..17.1149A ADS
- Marocchi, D., Antonucci, E., & McWhirter, R. P. W., "Nonequilibrium ionization and electron density in the coronal plasma during solar flares", 1995NCimD..17.1139M ADS
- Dodero, M. A., Antonucci, E., Marocchi, D., & Martin, R., "Study of the reflectivity in the XUV domain of normal incidence multilayer mirrors", 1995NCimD..17..999D ADS
- Noci, G., Kohl, J. L., Huber, M. C. E., et al., "The Ultraviolet Coronagraph Spectrometer", in A. O. Benz and A. Krüger (Eds.), Coronal Magnetic Energy Releases, Vol. 444, 261 1995LNP...444..261N ADS
- Antonucci, E. & Dodero, M. A., "Temperature Dependence of Nonthermal Motions in Solar Flare Plasmas Observed with the Flat Crystal Spectrometer on SMM", 1995ApJ...438..480A ADS
- Strachan, L., Raymond, J. C., Kohl, J. L., et al., "UVCS/SOHO capability for determining coronal conditions before, during and after CMEs", 1994ESASP.373..421S ADS
- Verneta, A. I., Antonucci, E., & Marocchi, D., "Manifestation of magnetic reconnection in coronal streamer current sheets", 1994SSRv...70..299V ADS
- Antonucci, E., "SOHO contribution to the understanding of mass supply and flows in the solar corona", 1994SSRv...70..149A ADS
- Antonucci, E., Somov, B. V., & Phillips, K., "Book-Review - Solar Corona and Solar Wind", 1994Obs...114..238A ADS
- Antonucci, E., Dodero, M. A., & Somov, B. V., "Non-Thermal Line Broadenings as Signature of Magnetic Reconnection in Solar Flares", 1994xspc.conf..333A ADS
- Antonucci, E., "Variations of the Coronal Radiation in X-ray Related to Coronal Holes, Active Region Loop Systems, Bright Points", 1994svsp.conf..159A ADS
- Antonucci, E., Dodero, M. A., Martin, R., et al., "Simulations of the CA XIX Spectral Emission from a Flaring Solar Coronal Loop. II. Impulsive Heating by Accelerated Electrons", 1993ApJ...413..786A ADS
- Antonucci, E., Dodero, M. A., & Somov, B. V., "Non-Thermal Line Profiles in Solar Flares", 1993ASSL..183..179A ADS
- Martin, R., Antonucci, E., & Somov, B. V., "Plasma Temperature Distribution during the Impulsive Phase of Solar Flares", 1993ASSL..183..175M ADS
- Antonucci, E., Dodero, M. A., Peres, G., et al., "Soft X-ray Line Shifts as Signature of the Flare Heating Process", 1993ASSL..183..159A ADS
- Antonucci, E. & Somov, B. V., "A diagnostic method for reconnecting magnetic fields in the solar corona.", 1992ESASP.348..293A ADS
- Antonucci, E., "EUV complementary instrumentation for SIMURIS.", 1992ESASP.344..215A ADS
- Antonucci, E., Malvezzi, M., Ciminiera, L., et al., "The X-ray ultraviolet imager for the orbiting solar laboratory", 1992AIPC..267..126A ADS
- Antonucci, E. & Somov, B. V., "Solar corona and solar wind. Proceedings. Symposium 9 of the COSPAR 28. Plenary Meeting: Solar corona and solar wind, The Hague (Netherlands), 25 Jun - 6 Jul 1990.", 1991AdSpR..11a....A ADS
- Antonucci, E., Dodero, M. A., & Martin, R.: 1990a, Velocity-Temperature Distribution in the Evaporating Plasma during the Impulsive Phase of Solar Flares: Erratum, Astrophysical Journal Supplement v.74, p.830 1990ApJS...74..830A ADS
- Antonucci, E., Hoeksema, J. T., & Scherrer, P. H., "Rotation of the Photospheric Magnetic Fields: A North-South Asymmetry", 1990ApJ...360..296A ADS
- Landini, M., Noci, G., Antonucci, E., et al., "The XUV imager for the OSL.", 1990BAAS...22.1148L ADS
- Antonucci, E., Dodero, M. A., & Martin, R., "Velocity-Temperature Distribution in the Evaporating Plasma during the Impulsive Phase of Solar Flares", 1990ApJS...73..147A ADS
- Antonucci, E., Dodero, M. A., & Martin, R., "High-Velocity Evaporation during the Impulsive Phase of the 1984 April 24 Flare", 1990ApJS...73..137A ADS

- Serio, S., Antonucci, E., Dodero, M. A., Peres, G., & Reale, F., "X-ray spectral synthesis in hydrodynamic flare models", 1990hrxr.conf..126S [ADS](#)
- Antonucci, E., Dodero, M. A., & Martin, R., "Observations of energy conversion in the solar flare plasma", 1990AdSpR..10i..91A [ADS](#)
- Antonucci, E., Hoeksema, J. T., & Scherrer, P. H.: 1989, *Rotation of the photospheric magnetic fields: A north-south asymmetry* 1989STIN...9014177A [ADS](#)
- Antonucci, E., "Solar flare spectral diagnosis: Present and future", 1989SoPh..121...31A [ADS](#)
- Doschek, G. A., Antiochos, S. K., Antonucci, E., et al., "Chromospheric explosions.", 1989epos.conf..303D [ADS](#)
- Kohl, J. L., Hartmann, L. W., van Ballegooijen, A. A., et al., "UVCS: An Ultraviolet Coronagraph Spectrometer for SOHO", 1989ESASP1104..49K [ADS](#)
- Kohl, J. L., Hartmann, L. W., van Ballegooijen, A. A., et al.: 1988, *UVCS: an Ultraviolet Coronagraph Spectrometer for SOHO*, In ESA, The SOHO Mission. Scientific and Technical Aspects of the Instruments p 49-54 (SEE N90-13302 04-92) 1988sohi.rept...49K [ADS](#)
- Antonucci, E., "The SOHO Project.", 1988ASSL..142..419A [ADS](#)
- Antonucci, E., Marocchi, D., Gabriel, A. H., & Doschek, G. A., "Calcium ionization balance and argon/calcium abundance in solar flares", 1987A&A..188..159A [ADS](#)
- Antonucci, E., Dodero, M. A., Peres, G., Serio, S., & Rosner, R., "Simulations of the CA XIX Spectral Emission from a Flaring Solar Coronal Loop. I. Thermal Case", 1987ApJ...322..522A [ADS](#)
- Scherrer, P. H., Hoeksema, J. T., & Antonucci, E., "The North-South Asymmetry in the Rotation of the Photospheric Magnetic Field During Solar Cycles 21 and 20", 1987BAAS...19S.935S [ADS](#)
- Antonucci, E., Dodero, M. A., Gabriel, A. H., Tanaka, K., & Dubau, J., "Ionization balance for iron XXV, XXIV and XXIII derived from solar flare X-ray spectra", 1987A&A..180..263A [ADS](#)
- Antonucci, E., Rosner, R., & Tsinganos, K., "Line Broadening and Magnetic Reconnection at Flare Onset", 1987sman.work...37A [ADS](#)
- Doschek, G. A., Antiochos, S. K., Antonucci, E., et al., "Chromospheric explosions", 1986epos.conf..4.1D [ADS](#)
- Antonucci, E., Rosner, R., & Tsinganos, K., "On Magnetic Field Stochasticity and Nonthermal Line Broadening in Solar Flares", 1986ApJ...301..975A [ADS](#)
- Antonucci, E. & Dodero, M. A., "Dynamic conditions of thermal plasma in large flares.", 1986lasf.conf..363A [ADS](#)
- Doschek, G. A., Antiochos, S. K., Antonucci, E., et al., "Chromospheric explosions.", 1986NASCP2439...4D [ADS](#)
- Antonucci, E., "Coronal response to energy release during solar flares.", 1986HiA....7..731A [ADS](#)
- Antonucci, E., Dodero, M. A., Peres, G., & Serio, S., "Hydrodynamics of coronal loops: A comparison of observed and simulated spectra emitted from flaring coronal loops", 1986AdSpR..6f.151A [ADS](#)
- Machado, M. E., Orwig, L. E., & Antonucci, E., "Flare onsets in hard and soft X-rays", 1986AdSpR..6f.101M [ADS](#)
- MacNeice, P., Pallavicini, R., Mason, H. E., et al., "Multiwavelength Analysis of a Well Observed Flare from Solar Maximum Mission", 1985SoPh...99..167M [ADS](#)
- Antonucci, E., Attolini, M. R., Cecchini, S., & Galli, M., "On the heliolatitude distribution of galactic cosmic rays", 1985JGR...90.7623A [ADS](#)
- Antonucci, E., Dennis, B. R., Gabriel, A. H., & Simnett, G. M., "Initial Phase of Chromospheric Evaporation in a Solar Flare", 1985SoPh...96..129A [ADS](#)
- Antonucci, E., Gabriel, A. H., & Dennis, B. R., "The energetics of chromospheric evaporation in solar flares", 1984ApJ...287..917A [ADS](#)
- Antonucci, E. & Gabriel, A. H., "Solar Maximum Mission results on the energetics of the impulsive phase of solar flares.", 1984ESASP.220..279A [ADS](#)
- Antonucci, E., Gabriel, A. H., & Patchett, B. E., "Oscillations in Extreme Ultraviolet Emission Lines during a Loop Brightening", 1984SoPh...93..85A [ADS](#)
- Antonucci, E., Gabriel, A. H., Doyle, J. G., et al., "Derivation of ionization balance for calcium XVIII/XIX using XRP solar X-ray data", 1984A&A..133..239A [ADS](#)
- Antonucci, E., Dodero, M. A., Gabriel, A. H., & Tanaka, K., "Derivation of the Ionization Balance for Iron Xxv/xxv and Xxiii/xxiv Using Solar X-Ray Data", 1984uxsa.conf...13A [ADS](#)
- Antonucci, E., "Line broadenings and shifts during the impulsive phase of flares", 1984MmSAI..55..699A [ADS](#)
- Antonucci, E., "Space programs of solar physics", 1984MmSAI..55..543A [ADS](#)
- Antonucci, E., Marocchi, D., & Simnett, G. M., "Origin and location of chromospheric evaporation in flares", 1984AdSpR...4g.111A [ADS](#)
- Shibasaki, K., Chiuderi-Drago, F., Melozzi, M., Slottje, C., & Antonucci, E., "Microwave, ultraviolet, and soft X-Ray observations of hale region 16898", 1983SoPh...89..307S [ADS](#)
- Antonucci, E. & Dennis, B. R., "Observation of Chromospheric Evaporation during the Solar Maximum Mission", 1983SoPh...86..67A [ADS](#)
- Gabriel, A. H., Antonucci, E., & Steenman-Clark, L., "Non-thermal and non-equilibrium effects in soft X-ray flare spectra", 1983SoPh...86..59G [ADS](#)
- Bely-Dubau, F., Faucher, P., Steenman-Clark, L., et al., "Dielectronic satellite spectra for highly-charged helium-like ions VII - Calcium spectra: Theory and comparison with SMM observations", 1982MNRAS.201.1155B [ADS](#)
- Chiuderi-Drago, F., Bandiera, R., Willson, R. F., et al., "Multiple Wavelength Observations of a Solar Active Region", 1982SoPh...80..71C [ADS](#)
- Antonucci, E., "Soft X-Ray Discriminators of Flare Classification", 1982Obs...102..121A [ADS](#)
- Antonucci, E., Gabriel, A. H., Acton, L. W., et al., "Impulsive Phase of Flares in Soft X-Ray Emission", 1982SoPh...78..107A [ADS](#)
- Antonucci, E., "Chromospheric evaporation in soft X-ray flares", 1982MmSAI..53..495A [ADS](#)
- Tang, F., Harvey, K., Bruner, M., Kent, B., & Antonucci, E., "Bright point study", 1982AdSpR...2k..65T [ADS](#)
- Parmar, A. N., Culhane, J. L., Rapley, C. G., et al., "Observations of transitions of hydrogen-like Fe XXVI in solar flare spectra", 1981MNRAS.197P..29P [ADS](#)
- Gabriel, A. H., Phillips, K. J. H., Acton, L. W., et al., "Observations of the limb solar flare on 1980 April 30 with the SMM X-ray polychromator", 1981ApJ...244L.147G [ADS](#)
- Culhane, J. L., Rapley, C. G., Bentley, R. D., et al., "X-ray spectra of solar flares obtained with a high-resolution bent crystal spectrometer", 1981ApJ...244L.141C [ADS](#)
- Acton, L. W., Wolfson, C. J., Joki, E. G., et al., "X-ray line widths and coronal heating", 1981ApJ...244L.137A [ADS](#)
- Gabriel, A. H., Culhane, J. L., Acton, L. W., et al., "Solar Maximum Mission experiment: early results from the soft X-ray polychromator experiment.", 1981hea..conf..267G [ADS](#)
- Gabriel, A. H., Antonucci, E., Phillips, K. J. H., et al., "Solar maximum mission experiment: Early results from the soft X-ray polychromator experiment", 1981AdSpR..1m.267G [ADS](#)
- Gabriel, A. H., Antonucci, E., & Dubau, J., "Interpretation of the Ca XIX, Fe XXV and Fe XXVI BCS Spectra", 1980BAAS...12..912G [ADS](#)
- Frost, K. J., Dennis, B. R., Orwig, L. E., et al., "The Spatial Dependence of UV and X-Ray Phenomena Occurring During the Impulsive Phase of a Flare", 1980BAAS...12..905F [ADS](#)
- Antonucci, E., Gabriel, A. H., & Doyle, J. G., "Soft X-ray Emission During the Impulsive Phase of a Flare", 1980BAAS...12..900A [ADS](#)
- Antonucci, E., "Preliminary Results from Calcium and Iron Solar Flare Spectra from a Bent Crystal Spectrometer", 1980BAAS...12..533A [ADS](#)
- Antonucci, E., Marocchi, D., & Perona, G. E., "Comment on 'The annual and semiannual variations of the cosmic radiation' by H. P. Khor, K. W. Kwok, and A. R. Owens", 1980JGR...85..797A [ADS](#)
- Antonucci, E., Azzarelli, L., Casalini, P., Cerri, S., & Denoth, F., "Chromospheric rotation. II. Dependence on the size of chromospheric features.", 1979SoPh...63..17A [ADS](#)
- Antonucci, E. & Dodero, M. A., "Rotation and lifetime of coronal features.", 1979SoPh...62..107A [ADS](#)
- Antonucci, E., Azzarelli, L., Casalini, P., Cerri, S., & Denoth, F., "Chromospheric rotation. I: Dependence on the lifetime of chromospheric features.", 1979SoPh...61..9A [ADS](#)
- Antonucci, E., Dodero, M. A., & Marocchi, D., "Mappe coronali nei periodi di sole quieto.", 1979RSAI...22..163A [ADS](#)
- Antonucci, E., Marocchi, D., & Perona, G. E., "Dependence of cosmic-ray transport on the orientation of the solar magnetic dipole.", 1978NCimC...1..395A [ADS](#)
- Antonucci, E., Marocchi, D., & Perona, G. E., "Phase reversals in the polar magnetic fields of the sun and in the annual and semiannual variations in cosmic ray intensity.", 1978ApJ...220..712A [ADS](#)
- Antonucci, E., "Rotation of the Solar Chromosphere", 1978pfs1.conf...73A [ADS](#)
- Antonucci, E., "Raggi cosmici durante i brillamenti solari.", 1978MmSAI..48..257A [ADS](#)
- Antonucci, E., Azzarelli, L., Casalini, P., & Cerri, S., "Chromospheric rotation during 1972-73, years of declining activity", 1977SoPh...53..519A [ADS](#)
- Antonucci, E. & Dodero, M. A., "Coronal rotation dependence on the solar cycle phase.", 1977SoPh...53..179A [ADS](#)
- Antonucci, E., "Cosmic rays during solar flares", 1977MmSAI..48..257A [ADS](#)
- Antonucci, E. & Marocchi, D., "Cosmic ray perpendicular gradient during 1962-1972", 1976JGR...81.4627A [ADS](#)

- Antonucci, E. & Marocchi, D., "Cosmic ray perpendicular gradient during 1962-1972", 1976JGR...81..4626A [ADS](#)
- Perona, G. E. & Antonucci, E., "A theoretical analysis of the semiannual component in the heliocentric dependence of high-energy galactic cosmic rays.", 1976ApJ...207..989P [ADS](#)
- Antonucci, E., "Rigidly rotating component of the solar corona.", 1975NCimB..25..513A [ADS](#)
- Antonucci, E. & Marocchi, D., "Heliographic-latitude dependence of the cosmic-ray intensity", 1974GeoRL...1..302A [ADS](#)
- Antonucci, E. & Duvall, T. L., "Solar cycle variation of large-scale coronal structures", 1974SoPh...38..439A [ADS](#)
- Antonucci, E. & Svalgaard, L., "Green Corona and Solar Sector Structure", 1974SoPh...36..115A [ADS](#)
- Antonucci, E. & Svalgaard, L., "Rigid and Differential Rotation of the Solar Corona", 1974BAAS...6S.284A [ADS](#)
- Antonucci, E., "Eleven-Years Inversion of the Green Corona Emission", 1974SoPh...34..471A [ADS](#)
- Antonucci, E. & Svalgaard, L., "Rigid and Differential Rotation of the Solar Corona", 1974SoPh...34..3A [ADS](#)
- Antonucci, E., Castagnoli, G. C., Dodero, M. A., & Giraud, C., "Diurnal anisotropies of the cosmic ray intensity underground during maximum solar activity", 1973JGR...78.7174A [ADS](#)
- Antonucci, E., Cini Castagnoli, G., Dodero, M. A., & Giraud, C., "The Diurnal Anisotropies of the Cosmic Ray Intensity Underground", 1973ICRC...2..982A [ADS](#)
- Antonucci, E., Castagnoli, G. C., & Dodero, M. A., "Effects of Active Solar Regions on the Galactic Cosmic Ray Intensity", 1971SoPh...20..497A [ADS](#)
- Antonucci, E., Castagnoli, G. C., & Dodero, M. A., "Solar Effects on the Cosmic Ray Intensity Observed at 70 M. W. E. Underground", 1971SoPh...17..491A [ADS](#)
- Antonucci, E., Cini Castagnoli, G., & Dodero, M. A., "Underground Cosmic Ray Intensity Modulation and Interplanetary Structures During 1969-1970.", 1971ICRC...2..629A [ADS](#)
- Antonucci, E., Cini Castagnoli, G., & Dodero, M. A., "Effects of Long Lived Solar Centres on the Galactic Cosmic Ray Intensity", 1971ICRC...2..623A [ADS](#)
- Antonucci, E., Cini Castagnoli, G., & Dodero, M. A., "On the diurnal variations of the cosmic ray intensity observed 70 m. w. e. underground", 1970ICRC...2..157A [ADS](#)