

Bibliography from ADS file: vaiana.bib
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- Silver, E. & Vaiana, G. S., "B-MINE The Balloon-Borne Microcalorimeter Nuclear Line Explorer Mission", 2000HEAD...5.4325S ADS
- Grillo, F., Sciortino, S., Micela, G., Vaiana, G. S., & Harnden, F. R., J., "An Einstein Observatory SAO-based Catalog of B-Type Stars", 1992ApJS...81..795G ADS
- Kashyap, V., Rosner, R., Micela, G., et al., "Modeling the Stellar Contribution to the Galactic Component of the Diffuse Soft X-Ray Background. I. Background Fluxes and Number Counts", 1992ApJ...391..667K ADS
- Micela, G., Maggio, A., & Vaiana, G. S., "X-Ray Activity as Statistical Age Indicator: The Disk G-K Giants", 1992ApJ...388..171M ADS
- Favata, F., Micela, G., Sciortino, S., & Vaiana, G. S., "The stellar coronal component of the Galaxy. I. The X-COUNT numerical model.", 1992A&A...256...86F ADS
- Favata, F., Micela, G., Sciortino, S., & Vaiana, G., "A Comparisons Between Model Predicted and Observed Coronal Stellar Counts from the X-Ray Flux-Limited EMSs", 1992fxra.conf..273F ADS
- Barbera, M., Micela, G., Sciortino, S., et al., "X-ray emission at low-mass end of the MS - Results from an extensive Einstein Observatory survey", 1992MmSAI...63..743B ADS
- Grillo, F., Sciortino, S., Micela, G., Vaiana, G. S., & Harnden, F. R., J., "Results from an extensive Einstein Observatory survey of B-type stars", 1992MmSAI...63..739G ADS
- Vaiana, G. S., Maggio, A., Micela, G., & Sciortino, S., "Coronal emission and stellar evolution.", 1992MmSAI...63..545V ADS
- Vaiana, G. S., "Coronal emission and stellar evolution", 1992HiA...9..651V ADS
- Micela, G., Harnden, F. R., J., Rosner, R., Sciortino, S., & Vaiana, G. S., "The Diffuse Soft X-Ray Background As Seen with the Einstein Observatory", 1991ApJ...380..495M ADS
- Harnden, F. R., J., Grillo, F., Sciortino, S., Micela, G., & Vaiana, G. S., "An Einstein Observatory Catalog of B-Type Stars", 1991BAAS...23..913H ADS
- Damiani, F., Micela, G., & Vaiana, G. S., "The X-Ray Emission from Pre-Main Sequence Stars in Taurus-Auriga and the Relationship with Other Diagnostics of Activity", 1991ASIC...340...89D ADS
- Schmitt, J. H. M. M., Collura, A., Sciortino, S., et al., "Einstein Observatory Coronal Temperatures of Late-Type Stars", 1990ApJ...365..704S ADS
- Bignami, G. F., Villa, G. E., Boella, G., et al., "European Photon Imaging Camera (EPIC) for X-ray astronomy.", 1990SPIE.1344..144B ADS
- Sciortino, S., Vaiana, G. S., Harnden, F. R., J., et al., "Relationship between Optical and X-Ray Properties of O-Type Stars Surveyed with the Einstein Observatory", 1990ApJ...361..621S ADS
- Haisch, B. M., Bookbinder, J. A., Maggio, A., Vaiana, G. S., & Bennett, J. O., "IUE and Einstein Survey of Late-Type Giant and Supergiant Stars and the Dividing Line", 1990ApJ...361..570H ADS
- Harnden, F. R., J., Schmitt, J. H. M. M., Rosner, R., Collura, A., & Vaiana, G. S., "Coronal Temperatures of Late-Type Stars", 1990BAAS...22..858H ADS
- Schmitt, J. H. M. M., Micela, G., Sciortino, S., et al., "X-ray studies of coeval star samples. III. X-ray emission in the Ursa Major stream.", 1990ApJ...351..492S ADS
- Harnden, F. R., J., Sciortino, S., Micela, G., et al., "The Einstein Observatory Stella X-Ray Database", 1990ixra.conf..313H ADS
- Micela, G., Sciortino, S., Vaiana, G. S., Harnden, F. R., J., & Rosner, R., "Largescale Structures of the Soft X-Ray Background", 1990ixra.conf..247M ADS
- Maggio, A., Vaiana, G. S., Haisch, B. M., et al., "The X-Ray Emission of Late Type Evolved Stars", 1990ixra.conf..233M ADS
- Sciortino, S., Vaiana, G. S., Harnden, F. R., J., et al., "The Einstein Survey of O-Stars", 1990ixra.conf..227S ADS
- Vaiana, G. S., "X-Ray Emission from Stars - a Sharper and Deeper View of Our Galaxy", 1990ixra.conf..61V ADS
- Peres, G. & Vaiana, G. S., "X-ray observations, scaling laws and magnetic fields", 1990MmSAI...61..401P ADS
- Micela, G., Sciortino, S., Vaiana, G. S., et al., "X-Ray Studies of Coeval Star Samples. II. The Pleiades Cluster as Observed with the Einstein Observatory", 1990ApJ...348..557M ADS
- Maggio, A., Vaiana, G. S., Haisch, B. M., et al., "Einstein Observatory Magnitude-limited X-Ray Survey of Late-Type Giant and Supergiant Stars", 1990ApJ...348..253M ADS
- Micela, G., Sciortino, S., Vaiana, G. S., Harnden, F. R., & Rosner, R., J., "Spatial and spectral features of soft diffuse X-ray background seen by the Einstein Observatory.", 1989ESASP.296.1005M ADS
- Collura, A., Sciortino, S., Serio, S., et al., "Variability of X-Ray Emission from OB Stars", 1989ApJ...338..296C ADS
- Vaiana, G. S., "Osservatorio Astronomico di Palermo. Report 1988 - 1989.", 1989MmSAI...60..619V ADS
- Micela, G., Sciortino, S., Vaiana, G. S., Harnden, F. R., J., & Rosner, R., "An Einstein Observatory view of large-scale (equal to or greater than 1 deg) soft X-ray background structures - A status report", 1989MmSAI...60..239M ADS
- Maggio, A., Vaiana, G. S., Harnden, F. R., J., & Rosner, R., "A magnitude limited X-ray survey of late-type evolved stars with the Einstein Observatory", 1989MmSAI...60..217M ADS
- Sciortino, S., Favata, F., Micela, G., Vaiana, G. S., & Harnden, F. R., J., "Nearby and bright star samples from the Einstein Observatory stellar X-ray catalog", 1989MmSAI...60..125S ADS
- Micela, G., Sciortino, S., Vaiana, G. S., et al., "An Einstein Observatory View of Large-Scale Soft X-ray Background Structures: A Status Report", 1988feta.conf...28M ADS
- Collura, A., Schmitt, J. H. M. M., Sciortino, S., et al., "Coronal Temperatures of late-type stars", 1988feta.conf...14C ADS
- Sciortino, S., Harnden, F. R., J., Ramella, M., et al., "Relationship between Optical and X-ray Properties of O-type Stars Surveyed by Einstein", 1988feta.conf...13S ADS
- Maggio, A., Vaiana, G. S., Haisch, B. M., et al., "The X-ray Emission of Late-Type Giant and Supergiant Stars: Results of the Einstein Observatory Magnitude-Limited X-ray Survey", 1988feta.conf...12M ADS
- Harnden, F. R., J., Sciortino, S., Micela, G., et al., "The Einstein Observatory Stellar X-ray Database", 1988feta.conf...2H ADS
- Harnden, F. R., J., Schmitt, J. H. M. M., Collura, A., & Vaiana, G. S., "A Survey of the X-ray Spectra of Stars", 1988BAAS...20.1101H ADS
- Micela, G., Sciortino, S., Vaiana, G. S., et al., "The Einstein Observatory Survey of Stars in the Hyades Cluster Region", 1988ApJ...325..798M ADS
- Micela, G., Maggio, A., Sciortino, S., et al., "The Stellar X-Ray Data Base of Einstein Image Observations", 1988MmSAI...59..465M ADS
- Sciortino, S., Harnden, F. R., J., Maggio, A., et al., "The Einstein Observatory Stellar X-ray Database: an overview.", 1988ESOC...28..483S ADS
- Favata, F., Rosner, R., Sciortino, S., & Vaiana, G. S., "The Stellar Composition of X-Ray Surveys from the Einstein Observatory", 1988ApJ...324.1010F ADS
- Harnden, F. R., J., Rosner, R., Sciortino, S., et al., "An Einstein Observatory Stellar X-ray Catalog", 1987BAAS...19.1040H ADS
- Maggio, A., Sciortino, S., Vaiana, G. S., et al., "Einstein Observatory Survey of X-Ray Emission from Solar-Type Stars: The Late F and G Dwarf Stars", 1987ApJ...315..687M ADS
- Collura, A., Maggio, A., Sciortino, S., et al., "Variability Analysis in Low Count Rate Sources", 1987ApJ...315..340C ADS
- Vaiana, G. S. & Sciortino, S., "Observations of stellar coronae.", 1987IAUS...122..333V ADS
- Murray, S. S., Chappell, J. H., Elvis, M. S., et al., "The AXAF High Resolution Camera (HRC) and its Use for Observations of Distant Clusters of Galaxies", 1987ApL&C...26..113M ADS
- Vaiana, G. S. & Sciortino, S., "X-ray activity", 1986AdSpR...6h..99V ADS
- Murray, S. S., Chappell, J. H., Elvis, M. S., et al., "The AXAF High Resolution Camera and Its Use For Observations of Distant Clusters of Galaxies", 1985BAAS...17R.888M ADS
- Micela, G., Sciortino, S., Serio, S., et al., "Einstein X-ray survey of the Pleiades: the dependence of X-ray emission on stellar age.", 1985ApJ...292..172M ADS
- Bodo, G., Ferrari, A., Massaglia, S., Rosner, R., & Vaiana, G. S., "Magnetohydrodynamic thermal instabilities in cool inhomogeneous atmospheres", 1985ApJ...291..798B ADS
- Schmitt, J. H. M. M., Golub, L., Harnden, F. R., J., et al., "An Einstein Observatory X-ray survey of main-sequence stars with shallow convection zones.", 1985ApJ...290..307S ADS
- Giampapa, M. S., Golub, L., Peres, G., Serio, S., & Vaiana, G. S., "Closed coronal structures. VI. Far-ultraviolet and X-ray emission from active late-type stars and the applicability of coronal loop models.", 1985ApJ...289..203G ADS
- Maggio, A., Bookbinder, J., Harnden, F. R., J., et al., "X-ray emission from solar-type stars: X-ray luminosity function of late F and G stars.", 1985xra.conf...39M ADS
- Rosner, R., Golub, L., & Vaiana, G. S., "On stellar X-ray emission.", 1985ARA&A...23..413R ADS
- Giampapa, M. S., Golub, L., Peres, G., Serio, S., & Vaiana, G. S., "Active late-type stars and the applicability of coronal loop models.", 1984NASCP2349..454G ADS
- Walter, F. M., Linsky, J. L., Simon, T., Golub, L., & Vaiana, G. S., "Stellar chromospheres and coronae in the Ursa Major cluster stars.", 1984ApJ...281..815W ADS
- Golub, L., Harnden, F. R., Maxson, C. W., et al., "Erratum - Einstein Observations of X-Ray Emission from A-Stars", 1984ApJ...278..456G ADS

- Micela, G., Sciortino, S., Serio, S., et al., "X-Ray Survey of the Pleiades - Dependence of X-Ray Luminosity on Stellar Age", 1984IAUS...105...101M ADS
- Sciortino, S., Micela, G., Serio, S., et al., "X-Ray Variable Stars in the Pleiades", 1983IBVS.2449...15 ADS
- Golub, L., Harnden, F. R., J., Maxson, C. W., et al., "Einstein observations of X-ray emission from A stars.", 1983ApJ...271..264G ADS
- Pallavicini, R., Peres, G., Serio, S., et al., "Closed coronal structures. V - Gas-dynamic models of flaring loops and comparison with SMM observations", 1983ApJ...270..270P ADS
- Haisch, B. M., Linsky, J. L., Bornmann, P. L., et al., "Coordinated Einstein and IUE observations of a disaritions brusques type flare event and quiescent emission from Proxima Centauri.", 1983ApJ...267..280H ADS
- Schmitt, J. H. M., Golub, L., Harnden, F. R., J., Maxson, C. W., & Vaiana, G. S., "An X-ray Survey of Main Sequence Stars with Shallow Convection Zones", 1983BAAS...15..673S ADS
- Peres, G., Serio, S., Vaiana, G. S., & Rosner, R., "The Palermo-Harvard numerical code for the dynamics of confined coronal plasma.", 1983pig.conf...96P ADS
- Vaiana, G. S., "Outlook for Ground-Based and Space Observations - Solar and Stellar Magnetic Fields", 1983IAUS...102..505V ADS
- Vaiana, G. S., "Stellar X-ray emission as an indicator of stellar magnetic activity", 1983IAUS...102..165V ADS
- Vaiana, G. S., "Observational Approach and Perspective", 1983ASSL...102..651V ADS
- Ferrari, A., Rosner, R., & Vaiana, G. S., "Magnetic field-related heating instabilities in the surface layers of the sun and stars", 1982ApJ...263..944F ADS
- Maggio, A., Serio, S., Vaiana, G. S., & Golub, L., "X-ray Variability of Late-type Stars", 1982BAAS...14R.945M ADS
- Collura, A., Serio, S., Sciortino, S., et al., "Variable X-ray Emission from Early-type Stars", 1982BAAS...14Q.945C ADS
- Golub, L., Rosner, R., Vaiana, G. S., et al., "A Normal Incidence X-ray Telescope for Solar Studies", 1982BAAS...14..976G ADS
- Vaiana, G. S., Serio, S., Sciortino, S., et al., "The Temperature-Luminosity Dependence of Stellar X-ray Sources", 1982BAAS...14..945V ADS
- Micela, G., Serio, S., Vaiana, G. S., & Golub, L., "X-ray Sources in the Pleiades", 1982BAAS...14..891M ADS
- Topka, K., Golub, L., Gorenstein, P., et al., "A magnitude limited stellar X-ray survey and the F star X-ray luminosity function.", 1982ApJ...259..677T ADS
- Golub, L., Noci, G., Poletto, G., & Vaiana, G. S., "Active region coronal evolution", 1982ApJ...259..359G ADS
- Vaiana, G. S., Golub, L., Maxson, C. W., Rosner, R., & Zombeck, M. V., "STCOEX: The stellar X-ray coronal Explorer.", 1982SAOSR.392B.253V ADS
- Pallavicini, R., Golub, L., Rosner, R., & Vaiana, G., "Chromospheric emission, stellar rotation and X-ray coronae.", 1982SAOSR.392B..77P ADS
- Bookbinder, J., Avni, Y., Golub, L., Rosner, R., & Vaiana, G., "Stellar contribution to the diffuse soft X-ray background.", 1982SAOSR.392A.201B ADS
- Giampapa, M. S., Golub, L., Rosner, R., et al., "A heating mechanism for the chromospheres of M dwarf stars.", 1982SAOSR.392A..73G ADS
- Golub, L., Harnden, F. R., J., Pallavicini, R., Rosner, R., & Vaiana, G. S., "Einstein detection of X-rays from the alf CEN system.", 1982ApJ...253..242G ADS
- Acton, L., Pallavicini, R., Peres, G., & Vaiana, G., "X-Ray Flare Spectroscopy: SMM Observations and Loop Modeling.", 1982uxsa.coll...1A ADS
- Golub, L., Rosner, R., Zombeck, M. V. Z., & Vaiana, G. S., "Solar corona at high resolution", 1982SPE...316..149G ADS
- Grady, C. A., Doazan, V., Peters, G. J., et al., "Short-term UV line profile variation in 59 Cyg.", 1982NASCP2238..425G ADS
- Sciortino, S., Peres, G., Serio, S., & Vaiana, G. S., "Il sistema di trattamento di immagini presso l'Osservatorio Astronomico di Palermo.", 1982MmSAI...53..115S ADS
- Peres, G., Serio, S., Vaiana, G. S., & Rosner, R., "Coronal closed structures. IV - Hydrodynamical stability and response to heating perturbations", 1982ApJ...252..791P ADS
- Kahler, S., Golub, L., Harnden, F. R., et al., "Coordinated X-ray, optical and radio observations of flaring activity on YZ Canis Minoris.", 1982ApJ...252..239K ADS
- Vaiana, G. S., "The stellar coronal X-ray Explorer: STCOEX", 1981xras.nasa..371V ADS
- Vaiana, G. S., "X-ray emission from stars", 1981STIA...8231574V ADS
- Cassinelli, J. P., Waldron, W. L., Sanders, W. T., et al., "X-ray emission from OB stars and OB supergiants.", 1981ApJ...250..677C ADS
- Ayres, T. R., Linsky, J. L., Vaiana, G. S., Golub, L., & Rosner, R., "The cool Half of the H-R diagram in soft X-rays.", 1981ApJ...250..293A ADS
- Vaiana, G. S., "The Einstein/CFA stellar survey - Overview of the data and interpretation of results", 1981ASSL...87...1V ADS
- Rosner, R., Avni, Y., Bookbinder, J., et al., "The stellar contribution to the galactic soft X-ray background", 1981ApJ...249L...5R ADS
- Galeev, A. A., Rosner, R., Serio, S., & Vaiana, G. S., "Erratum - Dynamics of Coronal Structures - Magnetic Field Related Heating and Loop Energy Balance", 1981ApJ...248..882G ADS
- Pallavicini, R., Golub, L., Rosner, R., et al., "Relations among stellar X-ray emission observed from Einstein, stellar rotation and bolometric luminosity.", 1981ApJ...248..279P ADS
- Pallavicini, R., Peres, G., Serio, S., et al., "Closed coronal structures. III - Comparison of static models with X-ray, EUV, and radio observations", 1981ApJ...247..692P ADS
- Pallavicini, R., Sakurai, T., & Vaiana, G. S., "X-ray, EUV, and centimetric observations of solar active regions - an empirical model for bright radio sources", 1981A&A...98..316P ADS
- Vaiana, G. S., Cassinelli, J. P., Fabbiano, G., et al., "Results from an extensive Einstein stellar survey.", 1981ApJ...245..163V ADS
- Vaiana, G. S., "Low Luminosity Galactic X-Ray Sources", 1981SSRv...30..151V ADS
- Vaiana, G., "Coronal Explorer", 1981uhur.symp...96V ADS
- Vaiana, G. S.: 1981c, X-Ray Emission from Stars, INST. SPACE & ASTRONAUT. SCIENCE. REPORT 597: P. 1, 1981 1981isas.rept...1V ADS
- Golub, L., Rosner, R., Vaiana, G. S., & Zombeck, M. V., "Solar corona at high resolution.", 1981SPE...316..149G ADS
- Golub, L., Rosner, R., Vaiana, G. S., & Weiss, N. O., "Solar magnetic fields - The generation of emerging flux", 1981ApJ...243..309G ADS
- Galeev, A. A., Rosner, R., Serio, S., & Vaiana, G. S., "Dynamics of coronal structures - Magnetic field-related heating and loop energy balance", 1981ApJ...243..301G ADS
- Serio, S., Peres, G., Vaiana, G. S., Golub, L., & Rosner, R., "Closed coronal structures. II - Generalized hydrostatic model", 1981ApJ...243..288S ADS
- Serio, G. & Vaiana, G. S., "Einstein observations of X-ray emission from variable stars", 1980MmSAI...51..713S ADS
- Haisch, B. M., Harnden, F. R., J., Seward, F. D., et al., "Einstein X-ray observations of Proxima Centauri and the surrounding region", 1980ApJ...242L..99H ADS
- Golub, L., Pallavicini, R., Peres, G., et al., "Transition Region and Corona in Solar Active Regions: Observations and Numerical Modeling", 1980BAAS...12..908G ADS
- Pallavicini, R., Sakurai, T., & Vaiana, G. S., "Magnetic Field Extrapolations, XUV Observations and the Nature of Microwave Emission from Sunspots", 1980BAAS...12..896P ADS
- Golub, L., Vaiana, G. S., Snow, T. P., & Cash, W. C., "Einstein Observations of A-Stars", 1980BAAS...12..872G ADS
- Bookbinder, J. A., Rosner, R., & Vaiana, G. S., "Stellar Contribution to Galactic Component of Diffuse Soft X-ray Background", 1980BAAS...12..871B ADS
- Vaiana, G. S., "INVITED TALK Stellar X-ray Astronomy Saul Rappaport", 1980BAAS...12..870V ADS
- Ayres, T. R., Linsky, J. L., Vaiana, G. S., Golub, L., & Rosner, R., "The Cool Half of the HR Diagram in Soft X-Rays", 1980BAAS...12..870A ADS
- Pallavicini, R. & Vaiana, G. S., "The flare of September 7, 1973: A typical example of a newly recognized class of solar transients", 1980SoPh...67..127P ADS
- Golub, L., Maxson, C., Rosner, R., Vaiana, G. S., & Serio, S., "Magnetic fields and coronal heating", 1980ApJ...238..343G ADS
- Kahler, S. W., Golub, L., Harnden, F. R., Seward, F. D., & Vaiana, G. S., "Coordinated X-Ray, Optical, and Radio Observations of Flares from the dMe Star YZ Canis Minoris", 1980BAAS...12..526K ADS
- Golub, L. & Vaiana, G. S., "X-Ray Bright Points and the Solar Cycle", 1980NASCP2098...75G ADS
- Vaiana, G. S., "Stellar Coronae - Overview of the Einstein/CFA Stellar Survey", 1980SAOSR.389..195V ADS
- Pettersen, B. R., Kahler, S., Golub, L., & Vaiana, G. S., "Rotational Variations in the Nonflaring Optical and X-Ray Fluxes of Yz-Canis", 1980SAOSR.389..113P ADS
- Vaiana, G. S., "Stellar coronae.", 1980HiA...5..419V ADS
- Golub, L. & Vaiana, G. S., "Evidence for globally coherent variability in solar magnetic flux emergence", 1980ApJ...235L.119G ADS
- Rosner, R. & Vaiana, G. S., "Stellar Coronae from Einstein: Observations and Theory", 1980ASIC...60..129R ADS
- Harnden, F. R., J., Brandaudi, G., Elvis, M., et al., "Discovery of an X-ray star association in VI Cygni (Cyg OB2).", 1979ApJ...234L..51H ADS
- Vaiana, G., "X-ray Observations", 1979BAAS...11Q.770V ADS
- Topka, K., Golub, L., Harnden, F. R., J., et al., "A Magnitude Limited Stellar Survey with EINSTEIN.", 1979BAAS...11..781T ADS

- Rosner, R., Giacconi, R., Golub, L., et al., "X-ray Observations of Very Late-Type Dwarf Stars from the EINSTEIN Observatory.", 1979BAAS...11..776R ADS
- Harnden, F. R., J., Golub, L., Rosner, R., et al., "On Stars and OB Associations Observed from EINSTEIN.", 1979BAAS...11..775H ADS
- Golub, L., Harnden, F. R., J., Rosner, R., Topka, K., & Vaiana, G. S., "X-ray Observations of the α Cen System from EINSTEIN.", 1979BAAS...11..775G ADS
- Cassinelli, J. P., Waldron, W. L., Vaiana, G. S., & Rosner, R., "Coronal X-Ray Emission from OB Supergiants.", 1979BAAS...11..775C ADS
- Rosner, R. & Vaiana, G. S., "Erratum: Cosmic Flare Transients: Constraints upon Models for Energy Storage and Release Derived from the Event Frequency Distribution", 1979ApJ...229.1211R ADS
- Pallavicini, R., Vaiana, G. S., Tofani, G., & Felli, M., "The coronal atmosphere above solar active regions: comparison of high spatial resolution soft X-ray and centimetric observations.", 1979ApJ...229..375P ADS
- Galeev, A. A., Rosner, R., & Vaiana, G. S., "Structured coronae of accretion disks.", 1979ApJ...229..318G ADS
- Maxson, C. W., Sciortino, S., Serio, S., Vaiana, G. S., & Fazio, G. G., "Far-Infrared Observations of Regions Near W42", 1979BAAS...11R.470M ADS
- Golub, L., Maxson, C., Rosner, R., Serio, S., & Vaiana, G. S., "Observational Tests of Magnetic Field-Related Coronal Heating Theories", 1979BAAS...11R.408G ADS
- Vaiana, G., Forman, W., Giacconi, R., et al., "Initial Results from the Einstein Survey of Stellar Low-Luminosity X-ray Sources", 1979BAAS...11..446V ADS
- Rosner, R., Grindlay, G., Harnden, R., Seward, F., & Vaiana, G., "X-Ray Sources from O Star Associations", 1979BAAS...11..446R ADS
- Galeev, A. A., Rosner, R., & Vaiana, G. S., "Formation of structured confined coronae on accretion disks.", 1979xras.proc..263G ADS
- Peres, G., Sciortino, S., Serio, S., & Vaiana, G. S., "Rivelazione quantica di immagini ad alta risoluzione spazio-temporale: il progetto Photicon.", 1979RSAT...22..237P ADS
- Peres, G., Sciortino, S., Serio, S., & Vaiana, G. S., "Sistema analisi dati per fotometria nel lontano infrarosso della collaborazione Palermo-Harvard. Risultati preliminari per la regione intorno a W42.", 1979RSAT...22..190P ADS
- Peres, G., Sciortino, S., Serio, S., & Vaiana, G. S., "Transienti nella corona solare: determinazione dei parametri fisici del plasma e leggi di scala.", 1979RSAT...22..165P ADS
- Pallavicini, R., Serio, S., & Vaiana, G. S., "Ricerche su fenomeni transitori della corona solare mediante osservazioni ottiche, ultraviolette ed X.", 1979RSAT...22..163P ADS
- Serio, S., Vaiana, G. S., Godoli, G., et al., "Configuration and gradual dynamics of prominence-related X-ray coronal cavities.", 1978SoPh...59..65S ADS
- Zombeck, M. V., Vaiana, G. S., Haggerty, R., et al., "An atlas of soft X-ray images of the solar corona from SKYLAB", 1978ApJS...38..69Z ADS
- Rosner, R. & Vaiana, G. S., "Cosmic flare transients: constraints upon models for energy storage and release derived from the event frequency distribution.", 1978ApJ...222.1104R ADS
- Rosner, R., Golub, L., Coppi, B., & Vaiana, G. S., "Heating of coronal plasma by anomalous current dissipation.", 1978ApJ...222..317R ADS
- Peres, G., Serio, S., Vaiana, G. S., et al., "The Palermo four-color far infrared program", 1978MmSAI...49..95P ADS
- Golub, L., Rosner, R., & Vaiana, G. S., "Coronal Heating and Its Relation to Magnetic Field Evolution.", 1978BAAS...10..440G ADS
- Rosner, R., Tucker, W. H., & Vaiana, G. S., "Dynamics of the quiescent solar corona.", 1978ApJ...220..643R ADS
- Peres, G., Serio, S., Vaiana, G. S., & Rosner, R., "Solar X-ray transients in magnetically confined plasma: observational data and hydrodynamic model.", 1978spre.conf..341P ADS
- Serio, S., Vaiana, G. S., Godoli, G., et al., "Dynamical behavior of coronal cavities, prominence material and magnetic field.", 1978spre.conf..337S ADS
- Vaiana, G. S., "The dynamic X-ray corona.", 1978spre.conf..331V ADS
- Vaiana, G. S., "Solar X-ray imaging techniques, past and future: the sun as a laboratory plasma.", 1978nisa.symp..177V ADS
- "New instrumentation for space astronomy", 1978nisa.symp....V ADS
- Golub, L. & Vaiana, G. S., "Differential rotation rates for short-lived regions of emerging magnetic flux.", 1978ApJ...219L..55G ADS
- Daneu, V., Maxson, C., Peres, G., Serio, S., & Vaiana, G., "Four Color Infrared Bolometer System for One-Meter Telescope", 1978ASIC...38..335D ADS
- Peres, G., Serio, S., Vaiana, G. S., et al., "The Palermo four-color far infrared program.", 1978ASIC...38..95P ADS
- Vaiana, G. S. & Rosner, R., "Recent advances in coronal physics.", 1978ARA&A...16..393V ADS
- Pallavicini, R., Serio, S., & Vaiana, G., "Identificazione di due classi di brillamenti X mediante osservazioni di eventi al bordo con l'esperimento Skylab S-054.", 1977MmSAI...48..760P ADS
- Rosner, R. & Vaiana, G. S., "Hydrostatic and dynamic models of solar coronal holes.", 1977ApJ...216..141R ADS
- Pallavicini, R., Serio, S., & Vaiana, G. S., "A survey of soft X-ray limb flare images: the relation between their structure in the corona and other physical parameters.", 1977ApJ...216..108P ADS
- Maxson, C. W. & Vaiana, G. S., "Determination of plasma parameters from soft X-ray images for coronal holes (open magnetic field configurations) and coronal large-scale structures (extended closed-field configurations).", 1977ApJ...215..919M ADS
- Golub, L., Krieger, A. S., Harvey, J. W., & Vaiana, G. S., "Magnetic properties of X-ray bright points.", 1977SoPh...53..111G ADS
- Rosner, R., Golub, L., Vaiana, G. S., & Coppi, B., "Heating of Coronal Plasma by Anomalous Current Dissipation.", 1977BAAS...9..370R ADS
- Vaiana, G. S., van Speybroeck, L., Zombeck, M. V., et al., "The S-054 X-ray telescope experiment on Skylab.", 1977SSI...3...19V ADS
- Pallavicini, R., Tofani, G., & Vaiana, G. S., "Spatially-Resolved Observations of Solar Active Regions in Soft X-Ray and Centimetric WAVELENGTHS.", 1977uxsa.col1...44P ADS
- Golub, L., Krieger, A. S., & Vaiana, G. S., "Observation of spatial and temporal variations in X-ray bright point emergence patterns", 1976SoPh...50..311G ADS
- Pallavicini, R. & Vaiana, G. S., "The spatial structure of a solar flare in soft X-rays and centimetric wavelengths.", 1976SoPh...49..297P ADS
- Golub, L., Krieger, A. S., & Vaiana, G. S., "Distribution of lifetimes for coronal soft X-ray bright points.", 1976SoPh...49..79G ADS
- McIntosh, P. S., Krieger, A. S., Nolte, J. T., & Vaiana, G., "Association of X-ray arches with chromospheric neutral lines.", 1976SoPh...49..57M ADS
- Vaiana, G. & Acton, L. W., "Spectroscopic Studies of the Solar Corona at X-Ray Wavelengths: Discussion", 1976RSPTA.281..390V ADS
- Vaiana, G. S., "The X-Ray Corona from Skylab", 1976RSPTA.281..365V ADS
- Krieger, A. S., de Feiter, L. D., & Vaiana, G. S., "Evidence for magnetic energy storage in coronal active regions.", 1976SoPh...47..117K ADS
- Silk, J. K., Kahler, S. W., Krieger, A. S., & Vaiana, G. S., "Energy and Material Loss in the Decay of an X-ray Flare", 1976BAAS...8..375S ADS
- Golub, L., Krieger, A. S., & Vaiana, G. S., "Emergence of Small-Scale Magnetic Fields on the Sun", 1976BAAS...8..333G ADS
- Kahler, S., Krieger, A. S., & Vaiana, G. S., "The Morphology and Evolution of Long Decay Soft X-ray Events Observed with the S-054 X-ray Experiment on Skylab", 1976BAAS...8..316K ADS
- Nolte, J. T., Krieger, A. S., Timothy, A. F., et al., "Coronal holes as sources of solar wind.", 1976SoPh...46..303N ADS
- Nolte, J. T., Krieger, A. S., Timothy, A. F., Vaiana, G. S., & Zombeck, M. V., "AN atlas of coronal hole boundary positions May 28 to November 21, 1973.", 1976SoPh...46..291N ADS
- Chase, R. C., Krieger, A. S., Svestka, Z., & Vaiana, G. S., "Skylab observations of X-ray loops connecting separate active regions.", 1976spre.conf..917C ADS
- Silk, J. K., Kahler, S. W., Krieger, A. S., & Vaiana, G. S., "The temperature and density structures of an X-ray flare during the decay phase.", 1976spre.conf..911S ADS
- Golub, L., Krieger, A. S., & Vaiana, G. S., "Coronal Bright Points", 1976IAUS...71..145G ADS
- Vaiana, G. S., Krieger, A. S., Timothy, A. F., & Zombeck, M., "ATM Observations, X-Ray Results", 1976Ap&SS...39..75V ADS
- Pallavicini, R., Vaiana, G. S., Kahler, S. W., & Krieger, A. S., "Spatial Structure and Temporal Development of a Solar X-Ray Flare Observed from Skylab on June 15, 1973", 1975SoPh...45..411P ADS
- Davis, J. M., Gerassimenko, M., Krieger, A. S., & Vaiana, G. S., "The Interpretation of Simultaneous Soft X-Ray Spectroscopic and Imaging Observations of an Active Region", 1975SoPh...45..393D ADS
- Poletto, G., Vaiana, G. S., Zombeck, M. V., Krieger, A. S., & Timothy, A. F., "A Comparison of Coronal X-Ray Structures of Active Regions with Magnetic Fields Computed from Photospheric Observations", 1975SoPh...44..83P ADS
- Landini, M., Monsignor Fossi, B. C., Krieger, A., & Vaiana, G. S., "The Coronal Structure of Active Regions", 1975SoPh...44..69L ADS
- Petrasso, R. D., Kahler, S. W., Krieger, A. S., Silk, J. K., & Vaiana, G. S., "The location of the site of energy release in a solar X-ray subflare.", 1975ApJ...199L.127P ADS
- Kahler, S. W., Krieger, A. S., & Vaiana, G. S., "Morphological evolution of X-ray flare structures from the rise through the decay phase.", 1975ApJ...199L..57K ADS
- McIntosh, P. S., Krieger, A. S., Nolte, J. T., & Vaiana, G., "Association of X-ray Arches with Chromospheric Neutral Lines.", 1975BAAS...7..444M ADS

- Webb, D., Krieger, A., Rust, D., & Vaiana, G., "Coronal X-ray Transient Events Associated with *H α* Filament Disappearances", 1975BAAS...7...430W ADS
- Timothy, A. F., Krieger, A. S., & Vaiana, G. S., "The Structure and Evolution of Coronal Holes", 1975SoPh...42...135T ADS
- Golub, L., Krieger, A. S., & Vaiana, G. S., "Observation of a Non-Uniform Component in the Distribution of Coronal Bright Points", 1975SoPh...42...131G ADS
- Golub, L., Krieger, A., Simon, R., Vaiana, G., & Timothy, A. F., "Temporal and Spatial Properties of Coronal Bright Points", 1975BAAS...7Q.350G ADS
- Nolte, J., Krieger, A. S., Webb, D., et al., "The Coronal Source of Recurrent, High Speed Solar Wind Streams", 1975BAAS...7...358N ADS
- Harvey, J. W., Krieger, A. S., Davis, J. M., Timothy, A. F., & Vaiana, G. S., "Comparison of Skylab X-Ray and Ground-Based Helium Observations", 1975BAAS...7...358H ADS
- Silk, J. K., Kahler, S. W., Krieger, A. S., & Vaiana, G. S., "Time Changes in the Structure and Spectrum of an X-ray Flare", 1975BAAS...7...355S ADS
- Kahler, S. W., Krieger, A. S., & Vaiana, G. S., "General Properties of Soft X-ray Flare Images", 1975BAAS...7...355K ADS
- Petrasso, R. D., Kahler, S. W., Krieger, A. S., Silk, J. K., & Vaiana, G. S., "The Location of the Site of Energy Release in an X-ray Sub-flare", 1975BAAS...7...352P ADS
- Gerassimenko, M., Davis, J. M., Chase, R. C., et al., "Simultaneous X-ray Spectra and X-ray Images of an Active Region", 1975BAAS...7...347G ADS
- Chase, R. C., Golub, L., Krieger, A., et al., "Temperature and Density Measurements of Coronal Loops", 1975BAAS...7...346C ADS
- Poletto, G., Timothy, A. F., Krieger, A. S., & Vaiana, G. S., "Coronal X-ray structures and coronal magnetic fields", 1975xtcg.work...175P ADS
- Pallavicini, R., Kahler, S., Krieger, A. S., Silk, J. K., & Vaiana, G. S., "X-ray and radio emission for the June 15, 1973 solar flare", 1975xtcg.work...157P ADS
- Silk, J. K., Kahler, S., Krieger, A. S., Timothy, A. F., & Vaiana, G. S., "Objective grating studies of X-ray flare spectra", 1975xtcg.work...143S ADS
- Timothy, A. F., Gerassimenko, M., Golub, L., et al., "The long term development of the large scale corona and the evolution of coronal holes", 1975xtcg.work...93T ADS
- Landini, M., Monsignor Fossi, B. C., Krieger, A. S., & Vaiana, G. S., "Models of coronal active regions", 1975xtcg.work...59L ADS
- Harvey, J., Krieger, A. S., Timothy, A. F., & Vaiana, G. S., "Comparison of SKYLAB X-ray and ground-based helium observations", 1975xtcg.work...50H ADS
- Vaiana, G. S., Chase, R., Davis, J., et al., "Skylab and the ASE X-ray telescope experiment - A new view of the X-ray corona", 1975xtcg.work...3V ADS
- Harvey, J. W., Krieger, A. S., Timothy, A. F., & Vaiana, G. S., "Comparison of Skylab X-ray and Ground-Based Helium Observations", 1975OMOAA.104...50H ADS
- Poletto, G., Timothy, A. F., Krieger, A. S., & Vaiana, G. S., "Coronal X-ray structures and coronal magnetic fields.", 1975MmArc.104...175P ADS
- Pallavicini, R., Kahler, S., Krieger, A. S., Silk, J. K., & Vaiana, G. S., "X-ray and radio emission for the June 15, 1973 solar flare.", 1975MmArc.104...157P ADS
- Silk, J. K., Kahler, S., Krieger, A. S., Timothy, A. F., & Vaiana, G. S., "Objective grating studies of X-ray flare spectra.", 1975MmArc.104...143S ADS
- Timothy, A. F., Gerassimenko, M., Golub, L., et al., "The long term development of the large scale corona and the evolution of coronal holes.", 1975MmArc.104...93T ADS
- Landini, M., Monsignor Fossi, B. C., Krieger, A. S., & Vaiana, G. S., "Models of coronal active region.", 1975MmArc.104...59L ADS
- Harvey, J., Krieger, A. S., Timothy, A. F., & Vaiana, G. S., "Comparison of Skylab X-ray and ground-based helium observations.", 1975MmArc.104...50H ADS
- Vaiana, G. S., Chase, R., Davis, J., et al., "Skylab and the ASE X-ray telescope experiment: a new view of the X-ray corona.", 1975MmArc.104...3V ADS
- Kaehler, S. W., Krieger, A. S., Silk, J. K., et al., "Studies of the Dynamic Structure and Spectra of Solar X-Ray Flares", 1975IAUS...68...185K ADS
- Krieger, A. S., Chase, R. C., Gerassimenko, M., et al., "Time Variations in Coronal Active Regions", 1975IAUS...68...103K ADS
- Golub, L., Krieger, A. S., Silk, J. K., Timothy, A. F., & Vaiana, G. S., "Time Variations of Solar X-Ray Bright Points", 1975IAUS...68...23G ADS
- Haggerty, R., Simon, R., Golub, L., et al., "Soft X-ray imaging on photographic film.", 1975AASP...10...8H ADS
- Golub, L., Krieger, A. S., Silk, J. K., Timothy, A. F., & Vaiana, G. S., "Solar X-Ray Bright Points", 1974ApJ...189L...93G ADS
- Silk, J. K., Kahler, S., Krieger, A., et al., "An Experimental Model of Solar Flares in the Corona", 1974BAAS...6T.294S ADS
- Timothy, A., Krieger, A., Petrasso, R., Silk, J. K., & Vaiana, G., "The Evolution of Coronal Holes", 1974BAAS...6S.295T ADS
- Golub, L., Chase, R., Krieger, A., et al., "Coronal Bright Points", 1974BAAS...6R.287G ADS
- Vaiana, G., Gerassimenko, M., Krieger, A., et al., "Temperature and Density of the Coronal Portion of an Active Region", 1974BAAS...6Q.296V ADS
- Davis, J., Chase, R., Krieger, A., et al., "Coronal Loop Structures Associated with Active Filaments", 1974BAAS...6Q.286D ADS
- Poletto, G., Krieger, A., Silk, J. K., Timothy, A., & Vaiana, G., "Extrapolation of Photospheric Magnetic Fields into the Corona", 1974BAAS...6...292P ADS
- Krieger, A., Golub, L., Silk, J. K., et al., "Temporal Behavior of the Coronal Structure of Active Regions", 1974BAAS...6...290K ADS
- Vaiana, G. S., Kahler, S., Krieger, A., Pallavicini, R., & Silk, J. K., "An X-ray flare from Skylab: results and interpretations.", 1974BAAS...6...265V ADS
- Timothy, A., Golub, L., Krieger, A., Silk, J. K., & Vaiana, G., "Solar X-ray bright points.", 1974BAAS...6...265T ADS
- Krieger, A., Gerassimenko, M., Petrasso, R., Timothy, A., & Vaiana, G., "The evolution of the coronal structure of an active region.", 1974BAAS...6...265K ADS
- Davis, J., Chase, R., Krieger, A., Timothy, A., & Vaiana, G., "Coronal loops associated with active filaments.", 1974BAAS...6...265D ADS
- Vaiana, G., "Methods of imaging X-ray astronomy and the X-ray spectroheliograph on ATM", 1974spop.conf...295V ADS
- Krieger, A. S., Timothy, A. F., Vaiana, G. S., Lazarus, A. J., & Sullivan, J. D., "X-ray observations of coronal holes and their relation to high velocity solar wind streams.", 1974sowi.conf...132K ADS
- Vaiana, G. S., Krieger, A. S., Petrasso, R., Silk, J. K., & Timothy, A. F., "The X-ray spectrographic telescope.", 1974inas.conf...185V ADS
- Vaiana, G. S., Krieger, A. S., Petrasso, R., Silk, J. K., & Timothy, A. F., "The X-ray spectrographic telescope", 1974SPIE...44...185V ADS
- Poletto, G., Timothy, A. F., Krieger, A. S., & Vaiana, G. S., "Coronal X-ray Structures and Coronal Magnetic Fields", 1974OMOAA.104...175P ADS
- Pallavicini, R., Kahler, S., Krieger, A. S., Silk, J. K., & Vaiana, G. S., "X-ray and Radio Emission for the June 1. 1973 Solar Flare", 1974OMOAA.104...157P ADS
- Timothy, A. F., Gerassimenko, M., Golub, L., et al., "The Long Term Development of the Large Scale Corona and the Evolution of Coronal Holes", 1974OMOAA.104...93T ADS
- Vaiana, G. S. & et al., "Skylab and the ASE X-ray Telescope Experiment: A New View of the X-ray Corona", 1974OMOAA.104...3V ADS
- Vaiana, G. S., Krieger, A. S., Petrasso, R. D., & Silk, K., "The AS&E X-ray telescope on Skylab.", 1974JOSSA...64...524V ADS
- Vaiana, G. S., Krieger, A. S., Silk, J. K., et al., "Dynamic events in the X-ray corona. (A progress report from the AS&E X-ray telescope on Skylab).", 1974IAUS...57...501V ADS
- Vaiana, G. & Tucker, W. H., "Solar X-Ray Emission", 1974ASSL...43...169V ADS
- Vaiana, G. S., Davis, J. M., Giacconi, R., et al., "X-Ray Observations of Characteristic Structures and Time Variations from the Solar Corona: Preliminary Results from SKYLAB", 1973ApJ...185L...47V ADS
- Vaiana, G. S., Krieger, A. S., & Timothy, A. F., "Identification and Analysis of Structures in the Corona from X-Ray Photography", 1973SoPh...32...81V ADS
- Vaiana, G., "A View of the X-Ray Corona.", 1973BAAS...5...419V ADS
- Kellogg, E., Murray, S., van Speybroeck, L., et al., "A High Resolution Imaging Rocket X-Ray Telescope for Celestial Observations.", 1973BAAS...5...342K ADS
- Timothy, A. F., Barrett, T., Krieger, A., Vaiana, G. S., & van Speybroeck, L., "The Structure of the X ray Corona Surrounding Quiescent Filaments", 1972BAAS...4T.393T ADS
- Krieger, A., Barrett, T., Timothy, A. F., Vaiana, G. S., & van Speybroeck, L., "Large Scale Coronal X ray Structures", 1972BAAS...4...386K ADS
- Krieger, A., Paolini, F., Vaiana, G. S., & Webb, D., "Results from OSO-IV: the Long Term Behavior of X-Ray Emitting Regions", 1972SoPh...22...150K ADS
- Krieger, A. S., Timothy, A. F., & Vaiana, G. S., "The Structure of Coronal X-ray Features.", 1971BAAS...3...439K ADS
- Krieger, A. S., Vaiana, G. S., & van Speybroeck, L. P., "The X-Ray Corona and the Photospheric Magnetic Field", 1971IAUS...43...397K ADS
- van Speybroeck, L. P., Krieger, A. S., & Vaiana, G. S., "X-ray Photographs of the Sun on March 7, 1970", 1970Natur.227...818V ADS
- Krieger, A. S. & Vaiana, G. S., "Results from the AS and E x-Ray Telescope on OSO-IV", 1969BAAS...1T.283K ADS
- Vaiana, G. S. & Zehnpfennig, T., "Analysis of High-Resolution x-Ray Photographs. I. An Importance IN Flare", 1969BAAS...1Q.294V ADS
- Giacconi, R., Reidy, W. P., Vaiana, G. S., van Speybroeck, L. P., & Zehnpfennig, T. F., "Grazing-Incidence Telescopes for X-Ray Astronomy", 1969SSRv...9...3G ADS

- Vaiana, G. S. & Giacconi, R., "Observations of an x-ray flare: Spatial distribution and physical parameters", 1969pia.conf...91V [ADS](#)
- Vaiana, G. S., Reidy, W. P., Zehnpfennig, T., van Speybroeck, L., & Giacconi, R., "X-ray Structures of the Sun during the Importance IN Flare of 8 June 1968", 1968Sci...161..564V [ADS](#)
- Reidy, W. P., Vaiana, G. S., Zehnpfennig, T., & Giacconi, R., "Study of X-Ray Images of the Sun at Solar Minimum", 1968ApJ...151..333R [ADS](#)
- Zehnpfennig, T., Reidy, W., Vaiana, G., & Wiza, J., "The ATM Soft X-Ray Slitless Spectrograph.", 1968AJS...73...85Z [ADS](#)
- Paolini, F. R., Giacconi, R., Manley, O., et al., "Preliminary Results from the AS+/-E X-Ray Spectroheliograph on OSO-IV.", 1968AJS...73...73P [ADS](#)
- Vaiana, G. S. P.: 1959, *Ph.D. thesis*, University of Palermo, Italy
1959PhDT.....10V [ADS](#)