

Bibliography from ADS file: gabriel.bib
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- Davidson-Pilon, C., Kalderstam, J., Jacobson, N., et al.: 2021a, *CamDavidson-Pilon/lifelines: 0.26.0*, Zenodo 2021zndo...4816284D [ADS](#)
- Davidson-Pilon, C., Kalderstam, J., Jacobson, N., et al.: 2021b, *CamDavidson-Pilon/lifelines: v0.25.11*, Zenodo 2021zndo...4683730D [ADS](#)
- Davidson-Pilon, C., Kalderstam, J., Jacobson, N., et al.: 2021c, *CamDavidson-Pilon/lifelines: 0.25.10*, Zenodo 2021zndo...4579431D [ADS](#)
- Davidson-Pilon, C., Kalderstam, J., Jacobson, N., et al.: 2021d, *CamDavidson-Pilon/lifelines: v0.25.9*, Zenodo 2021zndo...4505728D [ADS](#)
- Davidson-Pilon, C., Kalderstam, J., Jacobson, N., et al.: 2021e, *CamDavidson-Pilon/lifelines: v0.25.8*, Zenodo 2021zndo...4457577D [ADS](#)
- Davidson-Pilon, C., Kalderstam, J., Jacobson, N., et al.: 2020a, *CamDavidson-Pilon/lifelines: v0.25.7*, Zenodo 2020zndo...4313838D [ADS](#)
- Davidson-Pilon, C., Kalderstam, J., Jacobson, N., et al.: 2020b, *CamDavidson-Pilon/lifelines: v0.25.6*, Zenodo 2020zndo...4136578D [ADS](#)
- SPICE Consortium, Anderson, M., Appourchoux, T., et al., “The Solar Orbiter SPICE instrument. An extreme UV imaging spectrometer”, 2020A&A...642A...145 [ADS](#)
- Davidson-Pilon, C., Kalderstam, J., Jacobson, N., et al.: 2020a, *CamDavidson-Pilon/lifelines: v0.25.5*, Zenodo 2020zndo...4050560D [ADS](#)
- Davidson-Pilon, C., Kalderstam, J., Jacobson, N., et al.: 2020b, *CamDavidson-Pilon/lifelines: v0.25.4*, Zenodo 2020zndo...4002777D [ADS](#)
- Davidson-Pilon, C., Kalderstam, J., Jacobson, N., et al.: 2020c, *CamDavidson-Pilon/lifelines: v0.25.3*, Zenodo 2020zndo...3998734D [ADS](#)
- Davidson-Pilon, C., Kalderstam, J., Jacobson, N., et al.: 2020d, *CamDavidson-Pilon/lifelines: v0.24.16*, Zenodo 2020zndo...3937749D [ADS](#)
- Davidson-Pilon, C., Kalderstam, J., Jacobson, N., et al.: 2020e, *CamDavidson-Pilon/lifelines: v0.24.15*, Zenodo 2020zndo...3934629D [ADS](#)
- Davidson-Pilon, C., Kalderstam, J., Jacobson, N., et al.: 2020f, *CamDavidson-Pilon/lifelines: v0.24.8*, Zenodo 2020zndo...3833188D [ADS](#)
- Davidson-Pilon, C., Kalderstam, J., Zivich, P., et al.: 2020g, *CamDavidson-Pilon/lifelines: v0.23.9*, Zenodo 2020zndo...3629409D [ADS](#)
- Davidson-Pilon, C., Kalderstam, J., Zivich, P., et al.: 2020h, *CamDavidson-Pilon/lifelines: v0.23.8*, Zenodo 2020zndo...3620921D [ADS](#)
- Davidson-Pilon, C., Kalderstam, J., Zivich, P., et al.: 2019a, *CamDavidson-Pilon/lifelines: v0.23.4*, Zenodo 2019zndo...3576382D [ADS](#)
- Davidson-Pilon, C., Kalderstam, J., Zivich, P., et al.: 2019b, *CamDavidson-Pilon/lifelines: v0.23.0*, Zenodo 2019zndo...3544808D [ADS](#)
- Davidson-Pilon, C., Kalderstam, J., Zivich, P., et al.: 2019c, *CamDavidson-Pilon/lifelines: v0.22.4*, Zenodo 2019zndo...3386382D [ADS](#)
- Davidson-Pilon, C., Kalderstam, J., Zivich, P., et al.: 2019d, *CamDavidson-Pilon/lifelines: v0.22.0*, Zenodo 2019zndo...3267531D [ADS](#)
- Davidson-Pilon, C., Kalderstam, J., Zivich, P., et al.: 2019e, *CamDavidson-Pilon/lifelines: v0.21.3*, Zenodo 2019zndo...3240536D [ADS](#)
- Davidson-Pilon, C., Kalderstam, J., Zivich, P., et al.: 2019f, *CamDavidson-Pilon/lifelines: v0.21.1*, Zenodo 2019zndo...2652543D [ADS](#)
- Davidson-Pilon, C., Kalderstam, J., Zivich, P., et al.: 2019g, *CamDavidson-Pilon/lifelines: v0.21.0*, Zenodo 2019zndo...2638135D [ADS](#)
- Ulrich, R. K., Fossat, E., Boumier, P., et al., “Detection of g modes in the asymptotic frequency range: evidence for a rapidly rotating core”, 2017SPD...4810906U [ADS](#)
- Fossat, E., Boumier, P., Corbard, T., et al., “Asymptotic g modes: Evidence for a rapid rotation of the solar core”, 2017A&A...604A...40F [ADS](#)
- Giunta, A., Haberreiter, M., Peter, H., et al., “Solar abundances with the SPICE spectral imager on Solar Orbiter”, 2016cosp...41E.681G [ADS](#)
- Fludra, A., Haberreiter, M., Peter, H., et al., “The SPICE Spectral Imager on Solar Orbiter: Linking the Sun to the Heliosphere”, 2016cosp...41E.607F [ADS](#)
- Fiedler, J., Baumgarten, G., Berger, U., et al., “Stratospheric Impact on the Onset of the Mesospheric Ice Season”, 2014AGUFMSA44A...04F [ADS](#)
- Gabriel, A. & Abbo, L., “Outflow Velocity Structure in the Upper Transition Region and Corona”, 2012SoPh...280...435G [ADS](#)
- Gabriel, A. & Abbo, L., “The dependence of coronal velocities on sub-photospheric magnetic and velocity fields”, 2011sdmi.confE...3G [ADS](#)
- Wilhelm, K., Abbo, L., Auchère, F., et al., “Morphology, dynamics and plasma parameters of plumes and inter-plume regions in solar coronal holes”, 2011A&ARv...19...35W [ADS](#)
- Appourchoux, T., Belkacem, K., Broomhall, A. M., et al., “The quest for the solar g modes”, 2010A&ARv...18...197A [ADS](#)
- Parenti, S., Bocchialini, K., Soubrie, E., et al., “The SDO data centre at IDOC/MEDOC in France”, 2010cosp...38.2888P [ADS](#)
- Auchère, F., Bocchialini, K., Solomon, J., Gabriel, A., & Tison, E., “Automatic detection and statistical analysis of intensity oscillations in the solar corona with SDO”, 2010cosp...38.2863A [ADS](#)
- Solomon, J., Auchère, F., Bocchialini, K., Gabriel, A., & Tison, E., “On the observations and possible interpretations of very long period intensity oscillations of solar coronal loops”, 2010cosp...38.2853S [ADS](#)
- Abbo, L., Gabriel, A., & Harra, L., “Study of Quiet Sun Through the Solar Atmosphere: From the Chromosphere Up to Coronal Layers”, 2009ASPC...415...389A [ADS](#)
- Gabriel, A. H., “The solar atmosphere as a driver for the corona”, 2009nu.confE...13G [ADS](#)
- Gabriel, A., Bely-Dubau, F., Tison, E., & Wilhelm, K., “The Structure and Origin of Solar Plumes: Network Plumes”, 2009ApJ...700...551G [ADS](#)
- Gabriel, A. H., Bely-Dubau, F., Tison, E., & Abbo, L., “Understanding structures at the base of the solar corona - polar plumes”, 2009IAUS...257...145G [ADS](#)
- Peters, D. H. W., Gabriel, A., & Entzian, G., “Longitude-dependent decadal ozone changes and ozone trends in boreal winter months during 1960-2000”, 2008AnGeo...26.1275P [ADS](#)
- Gabriel, A., “Second Solar Orbiter Workshop - Concluding Remarks”, 2007ESASP.641E...50G [ADS](#)
- Gabriel, A., “g-mode search and the solar cycle”, 2006ESASP.624E.126G [ADS](#)
- Elsworth, Y. P., Baudin, F., Chaplin, W., et al., “The internal structure of the Sun inferred from g modes and low-frequency p modes”, 2006ESASP.624E...22E [ADS](#)
- Gabriel, A., Quitté, G., Schönberg, R., Schüßler, J., & Pack, A., “Iron and Nickel in Ureilite Silicates - Chemistry and Isotopes”, 2006M&PSA...41.5326G [ADS](#)
- Appourchoux, T., Andersen, B., Baudin, F., et al., “Recent Progresses on g-Mode Search”, 2006ESASP.617E...2A [ADS](#)
- Peters, D. & Gabriel, A., “The effect of zonally asymmetric radiation perturbations in the stratosphere on the coupling of atmospheric layers”, 2006cosp...36.1628P [ADS](#)
- Appourchoux, T., Auchère, F., Bocchialini, K., et al., “The Belemos cornerstone: the Sun, the star close to Earth”, 2005ESASP.588...389A [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_{solar}”, 2005ApJ...635L.185G [ADS](#)
- García, R. A., Turck-Chièze, S., Boumier, P., et al., “Global solar Doppler velocity determination with the GOLF/SoHO instrument”, 2005A&A...442...385G [ADS](#)
- Turck-Chièze, S., García, R. A., Couvidat, S., et al., “Erratum: “Looking for Gravity-Mode Multiplets with the GOLF Experiment aboard SOHO” (ApJ, 604, 455 [2004]”, 2004ApJ...608...610T [ADS](#)
- Turck-Chièze, S., García, R. A., Couvidat, S., et al., “Looking for Gravity-Mode Multiplets with the GOLF Experiment aboard SOHO”, 2004ApJ...604...455T [ADS](#)
- Gabriel, A. H., Bely-Dubau, F., Lemaire, P., & Antonucci, E., “Outflow Velocities in Polar Coronal Holes”, 2004IAUS...219...635G [ADS](#)
- Chaplin, W. J., Elsworth, Y., Isaak, G. R., et al., “Observation of, and temporal variations in, solar p-mode multiplet frequency asymmetries at l= 2”, 2003MNRAS...343...343C [ADS](#)
- Gabriel, A. H., Bely-Dubau, F., & Lemaire, P., “The Contribution of Polar Plumes to the Fast Solar Wind”, 2003ApJ...589...623G [ADS](#)
- Vial, J.-C., Song, X., Lemaire, P., et al., “The solar high-resolution imager - coronagraph LYOT mission”, 2003SPIE.4853...479V [ADS](#)
- Gabriel, A., “Searching for Resonances in the Presence of Cycle Variations”, 2003IAUJD...12E...47G [ADS](#)
- Gabriel, A., “The onset region of the fast solar wind”, 2003EAS...9...227G [ADS](#)
- Gabriel, A. H. & Bely-Dubau, F., “A study of polar plumes during the solar activity minimum”, 2002ESASP.505...409G [ADS](#)
- Ben El Hadj, R., Gabriel, A. H., & Bely-Dubau, F., “Transition region dynamical components”, 2002ESASP.505...349B [ADS](#)
- Gabriel, A. H., Baudin, F., Boumier, P., et al., “A search for solar g modes in the GOLF data”, 2002A&A...390.1119G [ADS](#)
- Gabriel, A. & Schmitz, G., “Dynamical components of northern hemispheric zonal mean total ozone changes during 1979-93”, 2002GeoRL...29.1675G [ADS](#)
- Boumier, P., Lochard, J., Baudin, F., et al., “Low-degree p-modes: results from GOLF”, 2002sf2a.conf...127B [ADS](#)
- Ben El Hadj, R. & Gabriel, A. H., “Transition Region Dynamical Components”, 2002sf2a.conf...123B [ADS](#)
- Boumier, P., Lochard, J., Thiery, S., et al., “Cycle effects on low-degree p-modes: results from GOLF”, 2002ESASP.508...67B [ADS](#)
- Gabriel, A. H., Bely-Dubau, F., & David, C., “The determination of coronal hole outflow velocities below 1.5 R₀ using the “Doppler Dimming” technique with the SUMER instrument on SOHO”, 2002ESASP.477...343G [ADS](#)
- Gabriel, A. & Bely-Dubau, F., “Preface”, 2002AdSpR...30...431G [ADS](#)
- Gabriel, A. H., Connerade, J. P., Thiery, S., & Boumier, P., “Application of Fano profiles to asymmetric resonances in helioseismology”, 2001A&A...380...745G [ADS](#)

- Gabriel, A., "A critical review of the remote-sensing instrumentation envisaged for the Solar Orbiter mission", 2001ESASP.493..135G ADS
- Turck-Chièze, S., Couvidat, S., Kosovichev, A. G., et al., "Solar Neutrino Emission Deduced from a Seismic Model", 2001ApJ...555L..69T ADS
- Thiery, S., Boumier, P., Gabriel, A. H., Henney, C. J., & GOLF Team, "p-mode profile asymmetry in GOLF data: variation with altitude", 2001ESASP.464..681T ADS
- García, R. A., Bertello, L., Turck-Chièze, S., et al., "Analysis of low frequency signal with the GOLF experiment: methodology and results", 2001ESASP.464..473G ADS
- Turck-Chièze, S., Robillot, J. M., Dzitko, H., et al., "g-mode: a new generation of helioseismic instrument", 2001ESASP.464..331T ADS
- Gabriel, A. H. & GOLF Team, "A brief status report on the GOLF programme", 2001ESASP.464..307G ADS
- Thiery, S., Boumier, P., Gabriel, A. H., & GOLF Team, "Frequency evolution with activity cycle in GOLF data: dependence on m", 2001ESASP.464..119T ADS
- Ulrich, R. K., García, R. A., Robillot, J. M., et al., "Sensitivity of the GOLF signal to combined solar velocity and intensity variations", 2000A&A...364..799U ADS
- Basu, S., Turck-Chièze, S., Berthomieu, G., et al., "Structure of the Solar Core: Effect of Asymmetry of Peak Profiles", 2000ApJ...535.1078B ADS
- Bertello, L., Henney, C. J., Ulrich, R. K., et al., "Comparison of Frequencies and Rotational Splittings of Solar Acoustic Modes of Low Angular Degree from Simultaneous MDI and GOLF Observations", 2000ApJ...535.1066B ADS
- Thiery, S., Boumier, P., Gabriel, A. H., et al., "Analysis of asymmetric p-mode profiles in GOLF data", 2000A&A...355..743T ADS
- Patsourakos, S., Vial, J. C., Gabriel, A. H., & Bellamine, N., "The Coarse Versus The Fine Structure Of The Quiet-Sun Chromospheric And Transition Region Network", 1999ESASP.446..537P ADS
- Wurz, P. & Gabriel, A., "Working Group 4: Wind Acceleration Processes", 1999ESASP.446..87W ADS
- Gabriel, A., "Reply and Comment", 1999ESASP.446..21G ADS
- Patsourakos, S., Vial, J. C., Gabriel, A. H., & Bellamine, N., "Transition-Region Network Boundaries in the Quiet Sun: Width Variation with Temperature as Observed with CDS on SOHO", 1999ApJ...522..540P ADS
- García, R. A., Boumier, P., Charra, J., et al., "The integrated magnetic field of the Sun as seen by GOLF on board SOHO", 1999A&A...346..626G ADS
- Renaud, C., Grec, G., Boumier, P., et al., "Solar oscillations: time analysis of the GOLF p-mode signal", 1999A&A...345.1019R ADS
- Gabriel, A. H., "SOHO After 30 Months: A Personal View", 1999SSRv...87..123G ADS
- Gabriel, A. H., Turck-Chièze, S., García, R. A., et al., "Results from the GOLF instrument on SOHO", 1999AdSpR...24..147G ADS
- Pallé, P. L., Régulo, C., Roca Cortés, T., et al., "On the nature of the current GOLF p-mode signal", 1999A&A...341..625P ADS
- Neupert, W. M., Newmark, J., Delaboudinière, J. P., et al., "Observations of Coronal Structures Above an Active Region by EIT and Implications for Coronal Energy Deposition", 1998SoPh...183..305N ADS
- Gabriel, M., Grec, G., Renaud, C., et al., "Time-correlation of the solar p-mode velocity signal from GOLF", 1998A&A...338.1109G ADS
- García, R. A., Pallé, P. L., Turck-Chièze, S., et al., "High-Frequency Peaks in the Power Spectrum of Solar Velocity Observations from the GOLF Experiment", 1998ApJ...504L..51G ADS
- David, C., Gabriel, A. H., Bely-Dubau, F., et al., "Measurement of the electron temperature gradient in a solar coronal hole", 1998A&A...336L..90D ADS
- Wilhelm, K., Marsch, E., Dwivedi, B. N., et al., "The Solar Corona Above Polar Coronal Holes as Seen by SUMER on SOHO", 1998ApJ...500.1023W ADS
- Foglizzo, T., García, R. A., Boumier, P., et al., "Are solar acoustic modes correlated?", 1998A&A...330..341F ADS
- Robillot, J. M., Turck-Chièze, S., García, R. A., et al., "Stability Study of the GOLF Blue Wing Working Cycle", 1998ESASP.418..317R ADS
- Gabriel, A. H. & GOLF Team, "Search for g-mode Frequencies in the GOLF Oscillations Spectrum", 1998ESASP.418..61G ADS
- Gabriel, A. H., "GOLF: Status and Future Prospects", 1998ESASP.418..11G ADS
- Fröhlich, C., Scherrer, P., MDI Team, et al., "VIRGO on SOHO: Status and Future Prospects", 1998ESASP.418...7F ADS
- Gabriel, A., "Preface", 1998AdSpR...21..261G ADS
- Walker, H. J., Welsh, W. F., Caraveo, P. A., & Gabriel, A. H., "Space based astronomy: ISO, AGN, radiopulsars and the Sun. Proceedings. E1.3, E1.4, E1.5 and E2.3 Symposia of COSPAR Scientific Commission E which were held during the Thirty-first COSPAR Scientific Assembly, Birmingham (UK), 14 - 21 July 1996.", 1998AdSpR...21.....W ADS
- Dere, K. P., Brückner, G. E., Howard, R. A., et al., "EIT and LASCO Observations of the Initiation of a Coronal Mass Ejection", 1997SoPh...175..601D ADS
- Moses, D., Clette, F., Delaboudinière, J. P., et al., "EIT Observations of the Extreme Ultraviolet Sun", 1997SoPh...175..571M ADS
- Toutain, T., Appourchaux, T., Baudin, F., et al., "Tri-Phonic Helioseismology: Comparison of Solar P Modes Observed by the Helioseismology Instruments Aboard SOHO", 1997SoPh...175..311T ADS
- Turck-Chièze, S., Basu, S., Brun, A. S., et al., "First View of the Solar Core from GOLF Acoustic Modes", 1997SoPh...175..247T ADS
- Lazrek, M., Baudin, F., Bertello, L., et al., "First Results on it P Modes from GOLF Experiment", 1997SoPh...175..227L ADS
- Gabriel, A. H., Charra, J., Grec, G., et al., "Performance and Early Results from the GOLF Instrument Flown on the SOHO Mission", 1997SoPh...175..207G ADS
- Neupert, W. M., Newmark, J., Thompson, B. J., et al., "Observations of Coronal Features by EIT above an Active Region by EIT and Implications for Coronal Heating", 1997SPD...28.0115N ADS
- Lemaire, P., Wilhelm, K., Curdt, W., et al., "First Results of the SUMER Telescope and Spectrometer on SOHO - II. Imagery and Data Management", 1997SoPh...170..105L ADS
- Wilhelm, K., Lemaire, P., Curdt, W., et al., "First Results of the SUMER Telescope and Spectrometer on SOHO - I. Spectra and Spectroradiometry", 1997SoPh...170..75W ADS
- Grec, C., Turck-Chièze, S., Lazrek, M., et al., "GOLF results: today's view on the solar modes", 1997IAUS...181..91G ADS
- Gabriel, A. H., Charra, J., Grec, G., et al., "Performance and first results from the GOLF instrument on SoHO", 1997IAUS...181..53G ADS
- David, C., Gabriel, A. H., & Bely-Dubau, F., "Temperature Structure in Coronal Holes", 1997ESASP.404..319D ADS
- David, C., Gabriel, A. H., & Bely-Dubau, F., "Measurement of Above-Limb Coronal Intensities", 1997ESASP.404..313D ADS
- Gabriel, A., "Dedication to Bruce Patchett", 1997ESASP.404...3G ADS
- Harrison, R. A., Fludra, A., Sawyer, E. C., et al., "Extreme ultraviolet observations of the solar corona: first results from the coronal diagnostic spectrometer on SOHO", 1997AdSpR...20.2239H ADS
- Delaboudinière, J. P., Stern, R. A., Maucherat, A., et al., "Imaging the solar corona in the EUV", 1997AdSpR...20.2231D ADS
- Clette, F., Delaboudinière, J. P., Artzner, G. E., et al., "First Results from EIT", 1997ASPC...118..268C ADS
- Roca Cortes, T., Gabriel, A. H., Charra, J., et al., "Actual Status and Early Results from GOLF Experiment on-board SOHO", 1997ASPC...118..249R ADS
- Baudin, F., Gabriel, A., Gibert, D., Pallé, P. L., & Régulo, C., "Temporal characteristics of solar p-modes.", 1996A&A...311.1024B ADS
- Gurman, J. B., Delaboudinière, J. P., Artzner, G., et al., "There's No Such Thing as the Quiet Sun: EUV Movies from SOHO", 1996AAS...188.3718G ADS
- Handy, B. N., Catura, R., Freeland, S., et al., "Observations of the South coronal hole from EIT and YOHKOH", 1996AAS...188.0206H ADS
- Gabriel, A. H., Bely-Debau, F., & David, C., "Studies of Solar Wind Onset in Coronal Holes Planned for SOHO", 1996mpsa.conf..499G ADS
- Handy, B. N., Catura, R., Freeland, S., et al., "Observations of the south coronal hole from EIT and Yohkoh.", 1996BAAS...28Q.821H ADS
- Delaboudinière, J. P., Artzner, G. E., Brunaud, J., et al., "EIT: Extreme-Ultraviolet Imaging Telescope for the SOHO Mission", 1995SoPh...162..291D ADS
- Harrison, R. A., Sawyer, E. C., Carter, M. K., et al., "The Coronal Diagnostic Spectrometer for the Solar and Heliospheric Observatory", 1995SoPh...162..233H ADS
- Wilhelm, K., Curdt, W., Marsch, E., et al., "SUMER - Solar Ultraviolet Measurements of Emitted Radiation", 1995SoPh...162..189W ADS
- Gabriel, A. H., Grec, G., Charra, J., et al., "Global Oscillations at Low Frequency from the SOHO Mission (GOLF)", 1995SoPh...162..61G ADS
- Wilhelm, K., Curdt, W., Marsh, E., et al., "Some design and performance features of SUMER: solar ultraviolet measurements of emitted radiation", 1995SPIE.2517...2W ADS
- Gabriel, A. H., Culhane, J. L., Patchett, B. E., et al., "Spacelab 2 measurement of the solar coronal helium abundance", 1995AdSpR...15g..63G ADS
- Catala, C., Auvergne, M., Baglin, A., et al., "Corot: a Space Project Devoted to the Study of Convection and Rotation in Stars", 1995ESASP.376b.549C ADS
- Baudin, F., Gabriel, A., Gibert, D., Pallé, P., & Régulo, C., "Temporal Behaviour of Solar P-Modes of Low Degree L", 1995ESASP.376b.323B ADS
- Gabriel, A. & GOLF Team, "Global Oscillations at Low Frequency from the SOHO Mission (golf)", 1995ESASP.376a..77G ADS
- Catala, C., Mangeney, A., Gautier, D., et al., "COROT: A Proposal to Study Stellar Convection and Internal Rotation", 1995ASPC...76..426C ADS
- Baudin, F., Gabriel, A., & Gibert, D., "Timefrequency analysis of solar p-modes", 1994A&A...285L..29B ADS
- Gabriel, A., "Introduction", 1994AdSpR...14d...1G ADS

- Gabriel, A. H., "The solar corona. Proceedings. Symposium E1 of the COSPAR 29. Plenary Meeting, Washington, DC (USA), 28 Aug - 5 Sep 1992.", 1994AdSpR. .14d. . . .G ADS
- Wilhelm, K., Curdt, W., Gabriel, A. H., et al., "'SUMER' - Solar Ultraviolet Measurements of Emitted Radiation", 1994scs. .conf. .619W ADS
- Gabriel, A. H., "Some Problems in Understanding the Solar Corona (Introductory Review)", 1994scs. .conf. . . .1G ADS
- Baudin, F., Gabriel, A., & Gibert, D., "A new method for helioseismic data analysis", 1993A&A. .276L. . .1B ADS
- Wilhelm, K., Curdt, W., Marsch, E., et al., "SUMER - Solar Ultraviolet Measurements of Emitted Radiation", 1993BAAS. .25.1192W ADS
- Delaboudinière, J. P., Gabriel, A. H., Artzner, G. E., et al., "Solar corona synoptic observations from SOHO with an Extreme Ultraviolet Imaging Telescope.", 1992ESASP.348. .21D ADS
- Lemaire, P., Wilhelm, K., Axford, W. I., et al., "SUMER: temperatures, densities, and velocities in the outer solar atmosphere.", 1992ESASP.348. .13L ADS
- Gabriel, A. H., "SOHO overview and preparation for operations.", 1992ESASP.348. . .5G ADS
- Wilhelm, K., Axford, W. I., Curdt, W., et al.: 1992a, "SUMER" - Solar Ultraviolet Measurements of Emitted Radiation., In ESA, Environment Observation and Climate Modelling Through International Space Projects. Space Sciences with Particular Emphasis on High-Energy Astrophysics p 225-226 (SEE N93-23878 08-88) 1992eocm.rept. .225W ADS
- Wilhelm, K., Axford, W. I., Gurd, W., et al., "SUMER - Solar ultraviolet measurements of emitted radiation", 1992sws. .coll. .129W ADS
- Gabriel, A., "Soft X-Ray Instrumentation", 1992ASIC. .373. .423G ADS
- Gabriel, A., "The Solar Corona", 1992ASIC. .373. .277G ADS
- Gabriel, A., "Spectroscopic Diagnostics", 1992ASIC. .373. .261G ADS
- Gabriel, A. H., Bely-Dubau, F., Faucher, P., & Acton, L. W., "The O VII Soft X-Ray Spectrum and Its Application to Hot Plasmas in Astrophysics", 1991ApJ. .378. .438G ADS
- Bely-Dubau, F. & Gabriel, A. H., "Que peut-on apprendre sur le soleil à partir de SOHO.", 1991sed. .conf. .301B ADS
- Gabriel, A. H., Bely-Dubau, F., & Millier, F., "Interpretation of Multi-channel X-ray Intensities from Solar Flares", in Y. Uchida, R. C. Canfield, T. Watanabe, and E. Hiei (Eds.), Flare Physics in Solar Activity Maximum 22, Vol. 387, 184 1991LNP. .387. .184G ADS
- Gabriel, A. H. & GOLF Team, "Global oscillations at low frequency from the SOHO mission (GOLF)", 1991AdSpR. .11d.103G ADS
- Gabriel, A. H., Bely-Dubau, F., & Millier, F., "Interpretation of X-ray spectra from solar flares", 1991AdSpR. .11a.323G ADS
- Gabriel, A. H., "Diagnostic methods for the inner corona", 1991AdSpR. .11a.253G ADS
- Bignami, G. F., Villa, G. E., Boella, G., et al., "European Photon Imaging Camera (EPIC) for X-ray astronomy.", 1990SPIE.1344. .144B ADS
- Delaboudinière, J.-P., Gabriel, A. H., Artzner, G. E., et al., "Extreme ultraviolet imaging telescope on board the Solar Heliospheric Observatory", 1989SPIE.1160. .518D ADS
- Holman, G., Benka, S., de La Beaujardiere, J., et al., "Flare Energy Release and Deposition", 1989tnti.conf. . .3H ADS
- Canfield, R. C., Bely-Dubau, E., Brown, J. C., et al., "Impulsive phase transport.", 1989epos.conf. .225C ADS
- Curdt, W., Wilhelm, K., Axford, W. I., et al., "SUMER - Solar ultraviolet measurements of emitted radiation.", 1989AGAb. . .2. . .14C ADS
- Delaboudinière, J. P., Gabriel, A. H., Artzner, G. E., et al.: 1988, EIT: Solar corona synoptic observations from SOHO with an Extreme-ultraviolet Imaging Telescope, In ESA, The SOHO Mission. Scientific and Technical Aspects of the Instruments p 43-48 (SEE N90-13302 04-92) 1988sohi.rept. .43D ADS
- Patchett, B. E., Harrison, R. A., Sawyer, E. C., et al.: 1988, CDS: The Coronal Diagnostic Spectrometer, In ESA, The SOHO Mission. Scientific and Technical Aspects of the Instruments p 39-42 (SEE N90-13302 04-92) 1988sohi.rept. .39P ADS
- Wilhelm, K., Axford, W. I., Curdt, W., et al.: 1988, SUMER: Solar Ultraviolet Measurements of Emitted Radiation, In ESA, The SOHO Mission. Scientific and Technical Aspects of the Instruments p 31-37 (SEE N90-13302 04-92) 1988sohi.rept. .31W ADS
- Gabriel, A. H., Bocchia, R., Bonnet, R. M., et al.: 1988a, GOLF: Global Oscillations at Low Frequencies for the SOHO mission, In ESA, The SOHO Mission. Scientific and Technical Aspects of the Instruments p 13-17 (SEE N90-13302 04-92) 1988sohi.rept. .13G ADS
- Gabriel, A. H., Millier, F., & Lizambert, N., "Localization of chromospheric evaporation in solar flares, by the analysis of X-ray spectra.", 1988JPhys. .49. .325G ADS
- Gabriel, A. H., Bely-Dubau, F., Faucher, P., & Acton, L. W., "The diagnostics of astrophysical plasmas, using the oxygen VII soft X-ray lines.", 1988JPhys. .49. .235G ADS
- Breeveld, E. R., Culhane, J. L., Norman, K., et al., "CHASE Observations of the Solar Corona", 1988ApL&C. .27. .155B ADS
- Gabriel, A. H., "The Solar Corona", 1988ASIC. .249. .79G 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., 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
- Bely-Dubau, F., Gabriel, A. H., Predehl, P., et al., "The X-ray spectroscopy cornerstone mission.", 1987ESASP.268. .117B ADS
- Canfield, R. C., Bely-Dumau, E., Brown, J. C., et al., "Theoretical Studies of Transport Processes", 1986epos.conf.3.34C ADS
- Canfield, R. C., Bely-Dumau, E., Brown, J. C., et al., "Impulsive Phase Observations and Their Interpretation", 1986epos.conf. .3.4C ADS
- Canfield, R. C., Bely-Dubau, F., Brown, J. C., et al., "Impulsive phase transport", 1986epos.conf. .3.1C ADS
- Gabriel, A. H., Patchett, B. E., Lang, J., et al., "Early results from the CHASE experiment flown on Spacelab 2.", 1986JBIS. .39. .207G ADS
- Canfield, R. C., Bely-Dubau, E., Brown, J. C., et al., "Impulsive phase transport.", 1986NASCP2439. . .3C ADS
- Parkinson, J. H. & Gabriel, A. H., "CHASE observations from spacelab 2 - the chase team", 1986AdSpR. .6h.243P ADS
- Gabriel, A. H., Acton, L. W., Bely-Dubau, F., & Faucher, P., "Interpretation of the oxygen VII soft X-ray spectrum from the Puppis-A supernova remnant.", 1985ESASP.239. .137G ADS
- Gabriel, A. & Schwenn, R., "Origin of the Solar Wind", 1985ESASP.235. .231G 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
- Gabriel, A. H., "Report of IAU Commission 14: Atomic and molecular data (Données atomiques et moléculaires).", 1985IAUTA. .19. .121G 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
- Gabriel, A. H., "Solar research at RAL (Rutherford Appleton Laboratory).", 1984JBIS. .37. .317G 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 Xxiv/xxv and Xxiii/xxiv Using Solar X-Ray Data", 1984uxsa.coll. . .13A ADS
- Bely-Dubau, F. & Gabriel, A. H., "Soft X-ray spectral diagnostics from flares", 1984MmSAI. .55. .685B ADS
- Culhane, J. L., Acton, L. W., & Gabriel, A. H., "Results from the X-ray polychromator on SMM", 1984MmSAI. .55. .673C ADS
- Gabriel, A. H., Bely-Dubau, E., Sherman, J. C., Orwig, L. E., & Schrijver, J., "Combined analysis of soft and hard X-ray spectra from flares", 1984AdSpR. .4g.221G 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
- Gabriel, A. H., "Book Review: Astronomy and astrophysics, sub-vol. a: Methods, constants, solar system. K. SCHAIFFERS and H. H. VOIGT (editors): Landolt-Bornstein group VI, vol. 2 Springer, Berlin 1981. xviii + 305 pp. \$ 237.50.", 1983P&SS. .31. .141G 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
- Antonucci, E., Gabriel, A. H., Acton, L. W., et al., "Impulsive Phase of Flares in Soft X-Ray Emission", 1982SoPh. .78. .107A ADS
- Phillips, K. J. H., Fawcett, B. C., Kent, B. J., et al., "Solar flare X-ray spectra from the Solar Maximum Mission Flat Crystal Spectrometer", 1982ApJ. .256. .774P ADS
- Gabriel, A. H. & Mason, H. E., "Solar Physics", 1982aacp. . .1. .346G ADS
- Gabriel, A. H. & Mason, H. E., "Solar physics", 1982aacp. . .1. .345G ADS
- Svestka, Z., Hoyng, P., van Tend, W., et al., "Observations of a POST Flare Radio Burst in X-Rays", 1982SoPh. .75. .305S ADS

- Bely-Dubau, F., Faucher, P., Dubau, J., & Gabriel, A. H., "Dielectronic satellite spectra for highly charged helium-like ions. VI - Iron spectra with improved inner-shell and helium-like excitation rates", 1982MNRAS.198..239B ADS
- Patchett, B. E., Norman, K., Gabriel, A. H., & Culhane, J. L., "The Coronal Helium Abundance Experiment on SPACELAB-2", 1981SSRv...29..431P 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
- Massey, H., Gabriel, A. H., Elliot, H., & Marlborough, J. M., "Book-Review - the Sun and the Heliosphere", 1981Obs...101..187M ADS
- Dubau, J., Loulergue, M., Gabriel, A. H., Steenman-Clark, L., & Volonte, S., "Dielectronic satellite spectra for hydrogen-like iron in low density plasmas", 1981MNRAS.195..705D ADS
- Gabriel, A. H., "Solar Flare Plasmas", 1981RSPTA.300..497G 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., "Solar Flare Diagnostics Using the Solar Maximum Mission", 1981ecap.conf...50G ADS
- Massey, H., Gabriel, A. H., Elliot, H., & Axford, W. I., "Book Review - the Sun and the Heliosphere", 1981SSRv...28R.114M 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
- Antonucci, E., Gabriel, A. H., & Doyle, J. G., "Soft X-ray Emission During the Impulsive Phase of a Flare", 1980BAAS...12..900A ADS
- Ulrich, M. H., Boksenberg, A., Bromage, G., et al., "Detailed ultraviolet observations of the quasar 3C 273 with the IUE.", 1980MNRAS.192..561U ADS
- Boksenberg, A., Bromage, G., Clavel, J., et al., "Observations of NGC 4151 with IUE.", 1980ESASP.157D..67B ADS
- Bromage, G. E., Gabriel, A. H., & Sciama, D. W., "The ultraviolet spectrum of the anomalous EUV-source halo star HD 192273.", 1980ESASP.157..353B ADS
- Bromage, G. E., Gabriel, A. H., & Sciama, D. W., "The distribution of interstellar C IV in the galaxy.", 1980ESASP.157..345B ADS
- Bromage, G. E., Gabriel, A. H., & Sciama, D. W., "The ultraviolet spectrum of the anomalous EUV-source halo star HD 192273.", 1980ESASP.157...23B ADS
- Bromage, G., Gabriel, A. H., & Sciama, D. W., "The Distribution of Interstellar CIV in the Galaxy", 1980ESASP.157...21B ADS
- Kayat, M. A., Gabriel, A. H., & Phillips, K. J. H., "Search for flare non-thermal electrons in iron and calcium BCS spectra", 1980BAAS...12Q.533K ADS
- Acton, L. W., Culhane, J. L., Gabriel, A. H., et al., "The soft X-ray polychromator for the Solar Maximum Mission.", 1980SoPh...65...53A ADS
- Kane, S. R., Crannell, C. J., Datlowe, D., et al., "Impulsive phase of solar flares", 1980sfsl.work..187K ADS
- Bely-Dubau, F., Gabriel, A. H., & Volonte, S., "Dielectronic satellite spectra for highly charged helium-like ions. V - Effect of total satellite contribution on the solar flare iron spectra", 1979MNRAS.189..801B ADS
- Gabriel, A. H. & Phillips, K. J. H., "Dielectronic satellite spectra for highly charged helium-like ions - IV. Iron satellite lines as a measure of non-thermal electron energy distributions.", 1979MNRAS.189..319G ADS
- Bely-Dubau, F., Gabriel, A. H., & Volonte, S., "Dielectronic satellite spectra for highly charged helium-like ions - III. Calculations of $n = 3$ solar flare iron lines.", 1979MNRAS.186..405B ADS
- Steenman-Clark, L., Bely-Dubau, F., Faucher, P., et al., "High dielectronic satellite lines in solar flare spectra", 1979JPhys..40...15 ADS
- Ulrich, M. H., Boksenberg, A., Bromage, G., et al., "Ultraviolet Observations of the Quasar 3C273 and Detection of a Hot Gaseous Component in the Galactic Halo", 1979IUE1.symp..145U ADS
- Baldwin, J., Boksenberg, A., Bromage, G., et al., "Observations of the ultraviolet spectrum of the variable Seyfert galaxy NGC4151", 1979IUE1.symp..126B ADS
- Gabriel, A., Warne, L., Bednarczyk, S., & Elachi, C.: 1978, Preliminary studies of electromagnetic sounding of cometary nuclei 1978STIN...7834022G ADS
- Catura, R. C., Culhane, J. L., Gabriel, A. H., et al., "A focussing iron line crystal spectrometer for Spacelab.", 1978nisa.symp..271C ADS
- Gabriel, A. H., "The upper chromosphere and corona. Observations and interpretation", 1977MmSAI..48..559G ADS
- Catura, R. C., Culhane, J. L., Rapley, C. G., et al., "A focussing iron line crystal spectrometer for Spacelab", 1977cosp.meets...C ADS
- Gabriel, A. H., "Why measure astrophysical X-ray spectra?", 1977Natur.267..410G ADS
- Gabriel, A. H., "Radiation Processes in High-Energy Astrophysical Plasmas.", 1977uxsa.colle...8G ADS
- Bely-Debau, F., Gabriel, A. H., & Volonté, S., "High Dielectronic Satellite Lines in Solar Flare Iron Spectra.", 1977uxsa.colle...45B ADS
- Gabriel, A. H., "Structure of the Quiet Chromosphere and Corona", 1977ebhs.colle..375G ADS
- Brown, J. C., Parkinson, J. H., & Gabriel, A. H., "High Resolution X-Ray Spectra of the Sun: Discussion", 1976RSPTA.281..382B ADS
- Gabriel, A. H., "A Magnetic Model of the Solar Transition Region", 1976RSPTA.281..339G ADS
- Massey, H., Sweet, P. A., & Gabriel, A. H., "A discussion on the physics of the solar atmosphere. held 1975 January 14 and 15.", 1976RSPTA.281..293M ADS
- Gabriel, A. H. & Jordan, C., "Analysis of EUV observations of regions of the quiet and active corona at the time of the 1970 March 7 eclipse.", 1975MNRAS.173..397G ADS
- Bhalla, C. P., Gabriel, A. H., & Presnyakov, L. P., "Dielectronic satellite spectra for highly-charged helium-like ions-II. Improved calculations", 1975MNRAS.172..359B ADS
- Boland, B. C., Dyer, E. P., Firth, J. G., et al., "Further measurements of emission line profiles in the solar ultraviolet spectrum.", 1975MNRAS.171..697B ADS
- Gabriel, A. H., "Solar physics research at the Appleton Laboratory, Culham", 1975cesra...5..102G ADS
- Gabriel, A. H., "Solar physics research at the Appleton Laboratory, Culham.", 1975MmArc.105..102G ADS
- Firth, J. G., Freeman, F. F., Gabriel, A. H., et al., "Observations of the solar spectrum in the re-ion 150 A to 870 A emitted from the disk and above the limb", 1974MNRAS.166..543F ADS
- Gabriel, A. H., "Highly Charged Ions in Astrophysics", 1974Phys...9..306G ADS
- Gabriel, A. H., "Highly charged ions in astrophysics.", 1974Phys...9..300G ADS
- Gabriel, A. H. & Jordan, C., "Analysis of EUV Observations of a Coronal Active Region Made during the 7 March 1970 Eclipse (presented by C. Jordan)", 1974IAUS...57...93G ADS
- Gabriel, A. H., "A Magnetic Model of the Chromosphere-Corona Transition Region", 1974IAUS...56..295G ADS
- Gabriel, A. H. & Jordan, C., "The Temperature Dependence of Line Ratios of Helium-Like Ions", 1973ApJ...186..327G ADS
- Pounds, K. A., Miley, G. K., Murdin, P., et al., "The sixteenth Herstmonceux conference, 1972 April 5 - 6. Cosmic X-ray sources.", 1972Obs...92..193P ADS
- Gabriel, A. H., "Preface", 1972SSRv...13D...3G ADS
- Gabriel, A. H., "Dielectronic Satellite Spectra in the Soft X-Ray Region (invited Paper)", 1972SSRv...13..655G ADS
- Gabriel, A. H., "Spectral Intensities from Helium-Like Ions", 1972ama.conf..311G ADS
- Gabriel, A. H., "Ultraviolet and X-ray spectroscopy of astrophysical and laboratory plasmas. IAU Colloquium No. 14, held at Utrecht 24 - 26 August, 1971.", 1972SSRv...13..489G ADS
- Gabriel, A. H., "Ultraviolet and X-ray Spectroscopy of Astrophysical and Laboratory Plasmas.", 1972SSRv...13...G ADS
- Gabriel, A. H., "Dielectronic satellite spectra for highly-charged helium-like ionlines", 1972MNRAS.160...99G ADS
- Gabriel, A. H., "Measurements on the Lyman Alpha Corona (Papers presented at the Proceedings of the International Symposium on the 1970 Solar Eclipse, held in Seattle, U. S. A. , 18-21 June, 1971.)", 1971SoPh...21..392G ADS
- Gabriel, A. H., Garton, W. R. S., Goldberg, L., et al., "Rocket Observations of the Ultraviolet Solar Spectrum during the Total Eclipse of 1970 March 7", 1971ApJ...169..595G ADS
- Freeman, F. F., Gabriel, A. H., Jones, B. B., & Jordan, C., "Helium-Like Ion Forbidden Line Emission, and Solar Active Regions", 1971RSPTA.270..127F ADS
- Gabriel, A. H., "Some problems relating to solar line identification.", 1971adiu.conf..486G ADS
- Massey, H., Allen, C. W., Gabriel, A. H., Pagel, B. E. J., & Wilson, R., "A discussion on solar studies with special reference to space observations. British National Committee on Space Research.", 1971RSPTA.270...M ADS

- Gabriel, A. H., “*Some Problems Relating to Solar Line Identification*”, 1971HiA...2...486G [ADS](#)
- Gabriel, A. H. & Jordan, C., “*Helium-like ion forbidden line emission from the sun*”, 1970PhLA...32...166G [ADS](#)
- Gabriel, A. H., “*Plasma light sources.*”, 1970bfs...conf...157G [ADS](#)
- Gabriel, A. H. & Jordan, C., “*Long Wavelength Satellites to the He-like Ion Resonance Lines in the Laboratory and in the Sun*”, 1969Natur.221...947G [ADS](#)
- Gabriel, A. H., Jordan, C., & Paget, T. M., “*Spectroscopic Observations of Dielectronic Recombination in Helium-Like Ions*”, 1969peac.conf...558G [ADS](#)
- Gabriel, A. H. & Jordan, C., “*Interpretation of solar helium-like ion line intensities*”, 1969MNRAS.145...241G [ADS](#)
- Fawcett, B. C., Gabriel, A. H., & Jordan, C., “*Solar Iron Lines at 182 Å*”, 1968ApJ...152L.119F [ADS](#)
- Gabriel, A. H. & Fawcett, B. C., “*Identification of the Solar Spectrum in the Region 60-170 Å*”, 1965Natur.206...808G [ADS](#)
- Gabriel, A. H. & Fawcett, B. C., “*Classification of Iron Lines in the Spectrum of the Sun and Zeta in the Range 167 Å to 220 Å*”, 1965Natur.206...390G [ADS](#)
- Fawcett, B. C. & Gabriel, A. H., “*New Spectra of the Iron Transition Elements of Astrophysical Interest.*”, 1965ApJ...141...343F [ADS](#)
- Fawcett, B. C., Gabriel, A. H., Griffin, W. G., Jones, B. B., & Wilson, R., “*Observations of the Zeta Spectrum in the Wave-length Range 16 Å-400 Å*”, 1963Natur.200.1303F [ADS](#)