

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

- Telloni, D., Zank, G. P., Sorriso-Valvo, L., et al., “Linking Small-scale Solar Wind Properties with Large-scale Coronal Source Regions through Joint Parker Solar Probe-Metis/Solar Orbiter Observations”, 2022ApJ...935..112T [ADS](#)
- Gordino, M., Auchère, F., Vial, J. C., et al., “Empirical relations between the intensities of Lyman lines of H and He”, 2022A&A...657A..86G [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](#)
- Xue, J.-C., Vial, J.-C., Su, Y., et al., “High-resolution observations of prominence plume formation with the new vacuum solar telescope”, 2021RAA....21..222X [ADS](#)
- Zhao, J., Liu, W., & Vial, J.-C., “White-light Continuum Observation of the Off-limb Loops of the SOL2017-09-10 X8.2 Flare: Temporal and Spatial Variations”, 2021ApJ...921L..26Z [ADS](#)
- Zhang, P., Vial, J.-C., Feng, L., Curdt, W., & Zapior, M., “Multiwavelength quiescent prominence spectroscopic observations”, 2021cosp...43E1770Z [ADS](#)
- Xue, J., Vial, J.-C., Li, H., et al., “High-Resolution Observations of Prominence Plume Formation with the New Vacuum Solar Telescope”, 2021cosp...43E.972X [ADS](#)
- Teriaca, L., Aznar Cuadrado, R., Giunta, A. S., et al., “First results from combined EUI and SPICE observations of Lyman lines of Hydrogen and He II”, 2020AGUFMSH0360003T [ADS](#)
- Bastian, T., De Pontieu, B., Shimojo, M., et al., “Observations of Solar Spicules at Millimeter and Ultraviolet Wavelengths”, 2020AGUFMSH004..08B [ADS](#)
- SPICE Consortium, Anderson, M., Appourchaux, T., et al., “The Solar Orbiter SPICE instrument. An extreme UV imaging spectrometer”, 2020A&A...642A..14S [ADS](#)
- Antonucci, E., Romoli, M., Andretta, V., et al., “Metis: the Solar Orbiter visible light and ultraviolet coronal imager”, 2020A&A...642A..10A [ADS](#)
- Rochus, P., Auchère, F., Berghmans, D., et al., “The Solar Orbiter EUI instrument: The Extreme Ultraviolet Imager”, 2020A&A...642A..8R [ADS](#)
- Judge, P. G., Kleint, L., Leenaarts, J., Sukhorukov, A. V., & Vial, J.-C., “New Light on an Old Problem of the Cores of Solar Resonance Lines”, 2020ApJ...901..32J [ADS](#)
- Vial, J.-C., “The synergy between the payloads on the ASO-S mission”, 2019RAA....19..166V [ADS](#)
- Parenti, S., Del Zanna, G., & Vial, J.-C., “Elemental composition in quiescent prominences”, 2019shin.confE.182P [ADS](#)
- Parenti, S., Del Zanna, G., & Vial, J. C., “Elemental composition in quiescent prominences”, 2019A&A...625A..52P [ADS](#)
- Zhang, P., Buchlin, É., & Vial, J. C., “Launch of a CME-associated eruptive prominence as observed with IRIS and ancillary instruments”, 2019A&A...624A..72Z [ADS](#)
- Vial, J. C., Zhang, P., & Buchlin, É., “Some relationships between radiative and atmospheric quantities through 1D NLTE modeling of prominences in the Mg II lines”, 2019A&A...624A..56V [ADS](#)
- Engvold, O., Vial, J.-C., & Skumanich, A., “Preface”, in O. Engvold, J.-C. Vial, and A. Skumanich (Eds.), The Sun as a Guide to Stellar Physics, xvii 2019sgsp.bookD..17E [ADS](#)
- Vial, J.-C. & Skumanich, A., “Chapter 14 - Challenges and Prospects for the Future”, in O. Engvold, J.-C. Vial, and A. Skumanich (Eds.), The Sun as a Guide to Stellar Physics, 463–473 2019sgsp.book..463V [ADS](#)
- Engvold, O., Vial, J.-C., & Skumanich, A.: 2019, *The Sun as a Guide to Stellar Physics* 2019sgsp.book.....E [ADS](#)
- Nindos, A., Alissandrakis, C. E., Bastian, T. S., et al., “First high-resolution look at the quiet Sun with ALMA at 3mm”, 2018A&A...619L..6N [ADS](#)
- Gontikakis, C. & Vial, J. C., “Effects of resonant scattering of the Si IV doublet near 140 nm in a solar active region”, 2018A&A...619A..64G [ADS](#)
- Zhang, P., Vial, J.-C., & Buchlin, E., “Physical conditions in a prominence eruption during its pre-eruption and acceleration”, 2018cosp...42E3837Z [ADS](#)
- Zhang, P., Vial, J.-C., & Buchlin, E., “An analysis of simultaneous observations of a CME-associated eruptive prominence with IRIS, AIA/SDO, EUVI/STEREO and K-COR”, 2018cosp...42E3836Z [ADS](#)
- Parenti, S., Vial, J.-C., & Del Zanna, G., “Chemical fractionation in solar prominences”, 2018cosp...42E2585P [ADS](#)
- Liu, W., Vial, J.-C., Antolin, P., Sun, X., & Berger, T., “Cool Material in the Hot Solar Corona and the Chromosphere-Corona Mass Cycle”, 2018cosp...42E2052L [ADS](#)
- Alissandrakis, C. E., Vial, J. C., Koukas, A., Buchlin, E., & Chane-Yook, M., “IRIS Observations of Spicules and Structures Near the Solar Limb”, 2018SoPh..293...20A [ADS](#)
- Millard, A., Lemaire, P., & Vial, J.-C., “EUV imager and spectrometer for LYOT and solar orbiter space missions”, 2017SPIE10568E..0RM [ADS](#)
- Ruiz de Galarreta Fanju, C., Philippon, A., Bouzit, M., et al., “Definition of a metrology servo-system for a solar imaging fourier transform spectrometer working in the far UV (IFTSUV)”, 2017SPIE10564E..3ER [ADS](#)
- Liu, W., Antolin, P., Sun, X., Vial, J.-C., & Berger, T., “The Fate of Cool Material in the Hot Corona: Solar Prominences and Coronal Rain”, 2017SPD....4810501L [ADS](#)
- Vial, J.-C. & Chane-Yook, M., “Neutral Hydrogen and Its Emission Lines in the Solar Corona”, 2016SoPh..291.3549V [ADS](#)
- Liu, W., Antolin, P., Sun, X., et al., “Probing the Physical Connection between Solar Prominences and Coronal Rain”, 2016AGUFMSH43C2587L [ADS](#)
- Vial, J. C., “Where are we with the Pending Issues of Prominence Formation, Lifetime and Eruption?”, 2016AGUFMSH41E..02V [ADS](#)
- Vial, J. C., “From the Observation of Non-symmetrical Profiles of the C IV Resonance Lines for Small Dynamic Events to their Interpretation in Terms of Resonant Scattering in Solar Active Regions”, 2016AGUFMSH33A..01V [ADS](#)
- Buchlin, E., Mercier, C., & Vial, J. C., “Automated detection, characterization, and tracking of filaments from SDO data”, 2016usc..confE.100B [ADS](#)
- Liu, W., Antolin, P., Sun, X., et al., “Joint SDO and IRIS Observations of a Novel, Hybrid Prominence-Coronal Rain Complex”, 2016usc..confE..99L [ADS](#)
- Lavraud, B., Liu, Y., Segura, K., et al., “A small mission concept to the Sun-Earth Lagrangian L5 point for innovative solar, heliospheric and space weather science”, 2016JASTP..146..171L [ADS](#)
- Vial, J.-C. & Chane-Yook, M., “The potential of hydrogen lines for the spectropolarimetry of the solar corona”, 2016cosp...41E2003V [ADS](#)
- Gontikakis, C. & Vial, J.-C., “Non-symmetrical profiles of the C IV 1548 Å and 1550 Å lines for small dynamic events and their interpretation in terms of resonant scattering in solar active region”, 2016cosp...41E.702G [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](#)
- Buchlin, E., Vial, J.-C., & Mercier, C., “Automated detection, characterization, and tracking of filaments from SDO data”, 2016cosp...41E.258B [ADS](#)
- Gontikakis, C. & Vial, J. C., “Evidence of scattering effects influenced by plasma flows in C VI 1548 Å, 1550 Å spectral lines emitted from the Sun”, 2016A&A...590A..86G [ADS](#)
- Vial, J.-C., Pelouze, G., Heinzel, P., Kleint, L., & Anzer, U., “Observed IRIS Profiles of the h and k Doublet of Mg II and Comparison with Profiles from Quiescent Prominence NLTE Models”, 2016SoPh..291...67V [ADS](#)
- Lemaire, P., Vial, J. C., Curdt, W., Schühle, U., & Wilhelm, K., “Hydrogen Ly- α and Ly- β full Sun line profiles observed with SUMER/SOHO (1996-2009)”, 2015A&A...581A..26L [ADS](#)
- Lemaire, P., Vial, J. C., Curdt, W., Schuhle, U., & Wilhelm, K., “VizieR Online Data Catalog: Sun hydrogen Lyman irradiance lines profiles (Lemaire+, 2015)”, 2015yCat..35810026L [ADS](#)
- Liu, W., De Pontieu, B., Vial, J.-C., et al., “First High-resolution Spectroscopic Observations of an Erupting Prominence Within a Coronal Mass Ejection by the Interface Region Imaging Spectrograph (IRIS)”, 2015ApJ...803..85L [ADS](#)
- Vial, J. C., Eurin, G., & Curdt, W., “The Balmer Lines of He II in the Blue Wing of the Hydrogen Lyman α Line Observed in a Quiescent Prominence”, 2015SoPh..290..381V [ADS](#)
- Vial, J.-C., “Historical Background and Introduction”, 2015ASSL..415....1V [ADS](#)
- , “Solar Prominences”, 2015ASSL..415....V [ADS](#)
- Lavraud, B., Liu, Y. D., Harrison, R. A., et al., “Instant: An Innovative L5 Small Mission Concept for Coordinated Science with Solar Orbiter and Solar Probe Plus”, 2014AGUFMSH21B4109L [ADS](#)
- Liu, W., De Pontieu, B., Okamoto, T. J., et al., “First High-resolution Spectroscopic Observations by IRIS of a Fast, Helical Prominence Eruption Associated with a Coronal Mass Ejection”, 2014AGUFMSH11D..04L [ADS](#)
- Heinzel, P., Vial, J. C., & Anzer, U., “On the formation of Mg ii h and k lines in solar prominences”, 2014A&A...564A.132H [ADS](#)
- Vial, J.-C., Anzer, U., Heinzel, P., & Kleint, L., “A comparison between observed IRIS profiles of the h & k doublet of Mg II and profiles from quiescent prominence NLTE models”, 2014cosp...40E3515V [ADS](#)
- Ruiz de Galarreta, C., Vial, J.-C., Appourchaux, T., & Philippon, A., “On the development of a Fourier Transform Spectrometer for Solar Physics”, 2014cosp...40E2793R [ADS](#)
- Lavraud, B., Vial, J.-C., Harrison, R., et al., “INSTANT: INvestigation of Solar-Terrestrial Associated Natural Threats”, 2014cosp...40E1758L [ADS](#)

- Buchlin, E., Vial, J.-C., Mercier, C., & Goujon, J.-B., “Automated detection, characterization, and tracking of filaments from SDO data”, 2014cosp...40E.425B [ADS](#)
- Bazin, C., Veselovsky, I., Vial, J.-C., Tavabi, E., & Serge, K., “The EUV photosphere- corona interface from eclipses to study the origin of low- FIP elements and the root of the basis of the chromosphere”, 2014cosp...40E.236B [ADS](#)
- Auchère, F., Fineschi, S., Gan, W., et al., “MASC: Magnetic Activity of the Solar Corona”, 2014cosp...40E.149A [ADS](#)
- Parenti, S. & Vial, J.-C., “On the nature of the prominence - corona transition region”, 2014IAUS..300...69P [ADS](#)
- Auchère, F. & Vial, J. C., “The LYOT+ UV/EUV instrumentation for measuring the magnetic field in the corona”, 2013EGUGA..1513788A [ADS](#)
- Vial, J. C., “Nature and Variability of Plasmas Ejected by the Sun”, in J.-P. Rozelot and C. E. Neiner (Eds.), Lecture Notes in Physics, Berlin Springer Verlag, Vol. 857, 15, 2013LNP...857...15V [ADS](#)
- Terriac, L., Andretta, V., Auchère, F., et al., “LEMUR: Large European module for solar Ultraviolet Research. European contribution to JAXA’s Solar-C mission”, 2012ExA....34..273T [ADS](#)
- Ruiz de Galarreta Fanjul, C., Bouzit, M., Appourchaux, T., et al., “Metrol- ogy for a solar imaging Fourier transform spectrometer working in the far UV: from the instrumental concept to the first experimental results”, 2012SPIE.8450E..0DR [ADS](#)
- Boutry, C., Buchlin, É., & Vial, J., “Flows in a Small Active Region as Seen by Hinode and SoHO”, 2012ASPC..454..233B [ADS](#)
- Buchlin, E., Mercier, C., & Vial, J. C., “Automated detection of filaments from He II images”, 2012EAS...55..175B [ADS](#)
- Boutry, C., Buchlin, E., Vial, J. C., & Régnyer, S., “Flows at the Edge of an Active Region: Observation and Interpretation”, 2012ApJ...752...13B [ADS](#)
- Lemaire, P., Vial, J. C., Curdt, W., Schühle, U., & Woods, T. N., “The solar hydrogen Lyman α to Lyman β line ratio”, 2012A&A...542L..25L [ADS](#)
- Boutry, C., Buchlin, E., Vial, J., & Régnyer, S., “Flows in the Vicinity of Two Active Regions as Seen by Hinode, STEREO, and SoHO”, 2012ASPC..455...83B [ADS](#)
- Vial, J. C., Olivier, K., Philippon, A. A., Vourlidas, A., & Yurchyshyn, V., “High spatial resolution VAULT H-Lya observations and multiwavelength analysis of an active region filament”, 2012A&A...541A.108V [ADS](#)
- Peter, H., Abbo, L., Andretta, V., et al., “Solar magnetism eXplorer (SolmeX). Exploring the magnetic field in the upper atmosphere of our closest star”, 2012ExA....33..271P [ADS](#)
- Koleva, K., Madjarska, M. S., Duchlev, P., et al., “Kinematics and helicity evolution of a loop-like eruptive prominence”, 2012A&A...540A.127K [ADS](#)
- Gunár, S., Parenti, S., Anzer, U., Heinzel, P., & Vial, J. C., “Synthetic differential emission measure curves of prominence fine structures. II. The SoHO/SUMER prominence of 8 June 2004”, 2011A&A...535A.122G [ADS](#)
- Tian, H., Terriac, L., Curdt, W., & Vial, J.-C., “Hydrogen Ly α and Ly β Radiance and Profiles in Polar Coronal Holes”, 2011shin.confE.166T [ADS](#)
- Buchlin, É., Mercier, C., Engin, S., Parenti, S., & Vial, J. C., “Automated detection of filaments in SDO data”, 2010sf2a.conf..297B [ADS](#)
- Petrosyan, A., Balogh, A., Goldstein, M. L., et al., “Turbulence in the Solar Atmosphere and Solar Wind”, 2010SSRv..156..135P [ADS](#)
- Ruiz de Galarreta Fanjul, C., Philippon, A., Vial, J. C., et al., “Definition of an imaging spectrometer meeting the needs of UV solar physics”, 2010SPIE.7732E..36R [ADS](#)
- Labrosse, N., Heinzel, P., Vial, J. C., et al., “Physics of Solar Prominences: I- Spectral Diagnostics and Non-LTE Modelling”, 2010SSRv..151..243L [ADS](#)
- Vial, J.-C., “Space solar missions”, 2010IAUS..264..459V [ADS](#)
- Derouich, M., Auchère, F., Vial, J. C., & Zhang, M., “Hanle signatures of the coronal magnetic field in the linear polarization of the hydrogen La line”, 2010A&A...511A...7D [ADS](#)
- Parenti, S., Bocchialini, K., Soubrie, E., et al., “The SDO data centre at IDOC/MEDOC in France”, 2010cosp...38.2888P [ADS](#)
- Vial, J.-C., “Discussion with EVE PI”, 2010cosp...38.2872V [ADS](#)
- Vial, J.-C., “Poster session”, 2010cosp...38.2870V [ADS](#)
- Vial, J.-C., “Discussion with the HMI Team representative”, 2010cosp...38.2865V [ADS](#)
- Buchlin, E., Mercier, C., & Vial, J.-C., “Automated detection of filaments and their eruptions from AIA and HMI/SDO data”, 2010cosp...38.2862B [ADS](#)
- Vial, J.-C., “Discussion with AIA PI”, 2010cosp...38.2860V [ADS](#)
- Dai, Y., Auchère, F., Vial, J. C., Tang, Y. H., & Zong, W. G., “Large-scale Extreme-Ultraviolet Disturbances Associated with a Limb Coronal Mass Ejection”, 2010ApJ...708..913D [ADS](#)
- Tian, H., Terriac, L., Curdt, W., & Vial, J.-C., “Hydrogen Ly α and Ly β Radiance and Profiles in Polar Coronal Holes”, 2009ApJ...703L.152T [ADS](#)
- Li, C., Dai, Y., Vial, J. C., et al., “Solar source of energetic particles in interplanetary space during the 2006 December 13 event”, 2009A&A...503.1013L [ADS](#)
- Buchlin, E. & Vial, J. C., “Electron density in the quiet solar coronal transition region from SoHO/SUMER measurements of S VI line radiance and opacity”, 2009A&A...503..559B [ADS](#)
- Ebadi, H., Vial, J. C., & Ajabshirizadeh, A., “The He II Lines in the Lyman Series Profiles of Solar Prominences”, 2009SoPh..257...91E [ADS](#)
- Derouich, M., Auchère, F., Vial, J. C., & Millard, A. A., “Polarimetry of the La Line for Coronal Magnetic Field Diagnostic”, 2009ASPC..405..389D [ADS](#)
- Labrosse, N., Vial, J. C., & Gouttebroze, P., “Diagnostics of active and eruptive prominences through hydrogen and helium lines modelling”, 2008AnGeo..26.2961L [ADS](#)
- Buchlin, E. & Vial, J., “Properties of the quiet solar coronal transition region from full-Sun SoHO/SUMER S VI”, 2008ESPM...122.117B [ADS](#)
- Labrosse, N. & Vial, J. C., “The Lyman-alpha Line in Active and Eruptive Solar Prominences”, 2008ESPM...12.3.17L [ADS](#)
- Vial, J. C., Ebadi, H., & Ajabshirizadeh, A., “The HeII (and DII) Lines in the Lyman Series of Solar Prominences”, 2008ESPM...12.2.20V [ADS](#)
- Wills-Davey, M. J., Davey, A. R., & Vial, J., “Developing a CME-Associated Phenomena Catalog for SDO”, 2008AGUUSMP51B..12W [ADS](#)
- Barbey, N., Auchère, F., Rodet, T., & Vial, J.-C., “A Time-Evolving 3D Method Dedicated to the Reconstruction of Solar Plumes and Results Using Extreme Ultraviolet Data”, 2008SoPh..248..409B [ADS](#)
- Vial, J.-C., Derouich, M., Auchère, F., & Zhang, M., “Polarisation and magnetic depolarization of the Lyman-alpha line in the corona : the line-of-sight effects”, 2008cosp...37.3340V [ADS](#)
- Ajabshirizadeh, A., Ajabshirizadeh, A., Vial, J.-C., Fathi-Vavasari, H., & Ebadi, H., “The Reversal Behavior of Some Hydrogen Lyman Lines in Solar Spicules”, 2008cosp...37..42A [ADS](#)
- Vial, J. C., Auchère, F., Chang, J., et al., “SMESE (SMall Explorer for Solar Eruptions): A microsatellite mission with combined solar payload”, 2008AdSpR..41..183V [ADS](#)
- Parenti, S., Vial, J. C., & Lemaire, P., “Solar prominence properties derived from the UV-EUV SUMER spectral atlas”, 2008AdSpR..41..144P [ADS](#)
- Vial, J. C., Ebadi, H., & Ajabshirizadeh, A., “The Ly α and Ly β Profiles in Solar Prominences and Prominence Fine Structure”, 2007SoPh..246..327V [ADS](#)
- Li, C., Tang, Y. H., Dai, Y., Fang, C., & Vial, J. C., “Flare magnetic reconnection and relativistic particles in the 2003 October 28 event”, 2007A&A...472..283L [ADS](#)
- Parenti, S. & Vial, J. C., “Prominence and quiet-Sun plasma parameters derived from FUV spectral emission”, 2007A&A...469.1109P [ADS](#)
- Labrosse, N., Gouttebroze, P., & Vial, J. C., “Spectral Diagnostics of Active Prominences”, 2007ASPC..368..337L [ADS](#)
- Baudin, F., Ibarra, E., Avrett, E. H., et al., “A Contribution to the Understanding of Chromospheric Oscillations”, 2007SoPh..241..39B [ADS](#)
- Labrosse, N., Gouttebroze, P., & Vial, J. C., “Effect of motions in prominences on the helium resonance lines in the extreme ultraviolet”, 2007A&A...463.1171L [ADS](#)
- Hochedez, J. F., Appourchaux, T., Defise, J. M., et al., “EUI, The Ultraviolet Imaging Telescopes Of Solar Orbiter”, 2007ESASP.641E..33H [ADS](#)
- Buchlin, É. & Vial, J. C., “Coronal Turbulence And Intermittency From Solar Orbiter Observations”, 2007ESASP.641E..23B [ADS](#)
- Vial, J. C., Auchère, F., Chang, J., et al., “SMESE: A SMall Explorer for Solar Eruptions”, 2007AdSpR..40.1787V [ADS](#)
- Parenti, S., Buchlin, E., Cargill, P. J., Galtier, S., & Vial, J. C., “Mod- eling the Radiative Signatures of Turbulent Heating in Coronal Loops”, 2006ApJ...651.1219P [ADS](#)
- Labrosse, N., Vial, J. C., & Gouttebroze, P., “The Helium Spectrum in Erupting Solar Prominences”, 2006IAUD...3E..47L [ADS](#)
- Vial, J. C., “The Pending Issue of the Solar Fine Structure of Prominences”, 2006ESASP.617E.163V [ADS](#)
- Labrosse, N., Gouttebroze, P., & Vial, J. C., “The Helium Spectrum in Moving Solar Prominences”, 2006ESASP.617E.134L [ADS](#)
- Parenti, S., Buchlin, E., Cargill, P. J., Caltier, S., & Vial, J. C., “Looking for Signature of Coronal Heating in the Radiative Emission of a Coronal Loop”, 2006ESASP.617E.104P [ADS](#)
- Barbey, N., Auchère, F., Rodet, T., Bocchialini, K., & Vial, J.-C., “Rotational Tomography of the Solar Corona-Calculation of the Electron Density and Temperature”, 2006ESASP.617E..82B [ADS](#)
- Heinzel, P., Schmieder, B., & Vial, J. C., “What We Have Learned about Prominences and Filaments from SOHO/SUMER and CDS Spectral Observations”, 2006ESASP.617E..65H [ADS](#)
- Schmieder, B., Vial, J. C., & Heinzel, P., “New perspectives on prominences as observed by SOHO/SUMER”, 2006sf2a.conf..563S [ADS](#)

- Labrosse, N., Vial, J. C., & Gouttebroze, P., "Plasma diagnostic of a solar prominence from hydrogen and helium resonance lines", 2006sf2a.conf..549L ADS
- Millard, A. A., Lemaire, P., & Vial, J.-C., "IFTSUV: an imaging Fourier transform spectrometer in UV for the next solar space missions", 2006SPIE.6266E..2GM ADS
- Millard, A. A., Auchere, F., Fang, C., et al., "SMESE: a combined UV-IR-X-gamma solar mission", 2006SPIE.6266E..0JM ADS
- Buchlin, E., Vial, J. C., & Lemaire, P., "A statistical study of SUMER spectral images: events, turbulence, and intermittency", 2006A&A...451.1091B ADS
- Wang, C., Fang, C., Gan, W., et al., "A brief introduction to SMESE mission", 2006ilws.conf..211W ADS
- Aboudarham, J., Scholl, I., Csillaghy, A., et al., "European Grid of Solar Observations (EGSO)", 2006ihy..conf..18A ADS
- Vial, J. C., Auchère, F., Chang, J., et al., "SMESE: a Small Explorer for the Study of Solar Eruptions", 2006cosp..36.3294V ADS
- Vial, J. C., Auchère, F., Chang, J., et al., "SMESE, a SMall Explorer for the Study of solar Eruptions", 2006cosp..36.3287V ADS
- Maksimovic, M., Appourchaux, T., Aulanier, G., et al., "Can we finally solve the problems of "Coronal Heating" and "Solar Wind Acceleration" in the Cosmic Vision era?", 2006cosp..36.2999M ADS
- Gontikakis, C., Dara, H. C., Zachariadis, T. G., et al., "Multiwavelength Analysis of an Active Region", 2006SoPh..233..57G ADS
- Aboudarham, J., Scholl, I., Fuller, N., et al., "A New Way to look at Observations with EGSO", 2006IAUS..233..229A ADS
- Vial, J. C., Boutry, C., & Wilhelm, K., "Hydrogen Lyman α Profiles of AN Active Region Filament Obtained with SUMER on SOHO", 2005ESASP.600E.102V ADS
- Parenti, S., Vial, J. C., & Lemaire, P., "Solar Hydrogen Lyman Continuum Observations with Soho/sumer", 2005ESASP.600E..93P ADS
- Appourchaux, T., Auchère, F., Bocchialini, K., et al., "The Beleinos cornerstone: the Sun, the star close to Earth", 2005ESASP.588..389A ADS
- Emerich, C., Lemaire, P., Vial, J.-C., et al., "A new relation between the central spectral solar H I Lyman α irradiance and the line irradiance measured by SUMER/SOHO during the cycle 23", 2005ICAR..178..429E ADS
- Parenti, S., Lemaire, P., & Vial, J. C., "Solar hydrogen-Lyman continuum observations with SOHO/SUMER", 2005A&A...443..685P ADS
- Parenti, S., Vial, J. C., & Lemaire, P., "Prominence atlas in the SUMER range 800-1250 Å. II. Line profile properties and ions identifications", 2005A&A...443..679P ADS
- Parenti, S., Buchlin, E., Galtier, S., & Vial, J. C., "Radiative Signatures of Coronal Loops Submitted to Turbulent Heating", 2005ESASP.592..523P ADS
- Vives, S., Lamy, P., Auchère, F., et al., "Formation flyers applied to solar coronal observations: the ASPICS mission", 2005SPIE.5901..305V ADS
- Bentley, R. D., Scholl, I., Csillaghy, A., et al., "EGSO - A maturing VO for Solar Physics", 2005AGUFMSH43B..01B ADS
- Arnaud, J., Faurobert, M., Grec, G., & Vial, J. C., "Coronal Magnetometry", 2005EAS....14..95A ADS
- Millard, A. A., Lemaire, P., & Vial, J. C., "EUV imaging spectrometer for the Solar Orbiter mission", 2005AdSpR..36.1411M ADS
- Vial, J. C., "Solar Orbiter: A unique opportunity for investigating small-scale physical processes at work in the magnetic solar atmosphere", 2005AdSpR..36.1375V ADS
- Lemaire, P., Emerich, C., Vial, J. C., et al., "Variation of the full Sun hydrogen Lyman profiles through solar cycle 23", 2005AdSpR..35..384L ADS
- Buchlin, E., Velli, M., Galtier, S., & Vial, J.-C., "Simplified simulations of MHD", 2004sf2a.conf..91B ADS
- Parenti, S., Buchlin, E., Galtier, S., & Vial, J. C., "Modelling the Radiative Signatures of Turbulent Heating in Coronal Loops", 2004ESASP.575..497P ADS
- Bentley, R. D., Scholl, I., Csillaghy, A., et al., "Solving Science Use Cases that relate to the Sun and Heliosphere with EGSO", 2004AGUFMSH21B0415B ADS
- Millard, A., Lemaire, P., & Vial, J. C., "Imagerie et spectrométrie dans l'UV pour les missions spatiales solaires LYOT et Solar Orbiter", 2004JPhy4.119..235M ADS
- Cirigliano, D., Vial, J. C., & Rovira, M., "Prominence corona transition region plasma diagnostics from SOHO observations", 2004SoPh..223..95C ADS
- Millard, A., Lemaire, P., & Vial, J.-C., "EUV imager and spectrometer for Lyot and Solar Orbiter space missions", 2004ESASP.554..351M ADS
- Emerich, C., Lemaire, P., Vial, J. C., et al., "A New Relation between Central and Total Solar H I Lyman- α Irradiances, as measured by SOHO during Solar Cycle 23 (1996-2003)", 2004AAS..204.9802E ADS
- Lemaire, P., Gouttebroze, P., Vial, J. C., et al., "Flare observation of the Sun as a star by SUMER/SOHO in the hydrogen Lyman continuum", 2004A&A...418..737L ADS
- Parenti, S., Vial, J. C., & Lemaire, P., "Prominence atlas in the SUMER range 800-1250 Å. I. Observations, data reduction and preliminary results", 2004SoPh..220..61P ADS
- Vives, S., Lamy, P. L., & Vial, J.-C., "Optical design of the Lyman alpha coronagraph for the LYOT microsatellite", 2004SPIE.5171..298V ADS
- Bentley, R. D., Csillaghy, A., Scholl, I., et al., "Integrated Access to Solar Data using EGSO", 2004cosp..35.3935B ADS
- Vial, J. C., "SOLAR ORBITER : a unique opportunity for investigating the physical processes at work in the magnetic solar atmosphere", 2004cosp..35.3808V ADS
- Buchlin, E., Vial, J. C., & Lemaire, P., "Statistical properties of turbulence and intermittency in the solar corona observed in EUV", 2004cosp..35.3556B ADS
- Millard, A., Lemaire, P., & Vial, J. C., "UV imager and spectrometer for LYOT and Solar Orbiter space missions", 2004cosp..35.1749M ADS
- Lemaire, P., Emerich, C., Vial, J. C., et al., "Variation of the full Sun hydrogen Lyman profiles through solar cycle 23", 2004cosp..35..510L ADS
- Buchlin, E., Vial, J. C., Lemaire, P., & Galtier, S., "Statistical Study of SOHO/SUMER Full-Sun Images", 2004ESASP.547..337B ADS
- Dolla, L., Lemaire, P., Solomon, J., & Vial, J. C., "A search for turbulent wave heating and acceleration signatures with SOHO/SUMER observations : Measurements of the widths of off-limb Iron lines", 2003AIPC..679..351D ADS
- Buchlin, E., Aletti, V., Galtier, S., Velli, M., & Vial, J. C., "A solar cellular automata model issued from reduced MHD", 2003AIPC..679..335B ADS
- Buchlin, E., Aletti, V., Galtier, S., et al., "A simplified numerical model of coronal energy dissipation based on reduced MHD", 2003A&A...406.1061B ADS
- Buchlin, É., Galtier, S., Velli, M., & Vial, J.-C., "Distributions of Coronal Events: Simulations and Event Definitions", 2003ANS...324..109B ADS
- Vial, J.-C., Song, X., Lemaire, P., et al., "The solar high-resolution imager - coronagraph LYOT mission", 2003SPIE.4853..479V ADS
- Vial, J. C., "Some advances in the thermodynamic diagnostic of solar prominences", 2003EAS....9..133V ADS
- Cirigliano, D., Vial, J. C., & Rovira, M., "Modelo semi-empírico de protuberancia solar a partir del diagnóstico de densidades", 2003BAAA...46..7C ADS
- Labrosse, N., Gouttebroze, P., Heinzel, P., & Vial, J. C., "Line profiles and intensity ratios in prominence models with a prominence to corona interface", 2002ESASP.506..451L ADS
- Régnier, S., Solomon, J., Vial, J. C., & Mein, P., "MHD waves in active region filament from SOHO-THEMIS joint observations", 2002ESASP.505..647R ADS
- Lemaire, P., Vial, J. C., Curdt, W., Schühle, U., & Wilhelm, K., "Quiet-Sun chromospheric network evolution", 2002ESASP.505..477L ADS
- Gouttebroze, P., Labrosse, N., Heinzel, P., & Vial, J. C., "Prediction of line intensity ratios in solar prominences", 2002ESASP.505..421G ADS
- Gontikakis, C., Dara, H. C., Zachariadis, T., et al., "Study of coronal loops using TRACE and SOHO", 2002ESASP.505..417G ADS
- Patsourakos, S. & Vial, J.-C., "Soho Contribution to Prominence Science", 2002SoPh..208..253P ADS
- Buchlin, E., Aletti, V., Galtier, S., Velli, M., & Vial, J. C., "A Solar Cellular Automata Model Issued From Reduced MHD", 2002sf2a.conf..129B ADS
- Parenti, S., Vial, J. C., & Lemaire, P., "A SUMER spectral atlas for prominences", 2002ESASP.508..327P ADS
- Cirigliano, D., Vial, J.-C., & Rovira, M., "Measurement of velocity fields in prominence plasma with SUMER/CDS on SOHO", 2002ESASP.508..287C ADS
- Lemaire, P., Emerich, C., Vial, J. C., et al., "Variation of the full Sun hydrogen Lyman α and β profiles with the activity cycle", 2002ESASP.508..219L ADS
- Patsourakos, S. & Vial, J. C., "Intermittent behavior in the transition region and the low corona of the quiet Sun", 2002A&A...385.1073P ADS
- Tsiropoula, G., Gontikakis, C., Dara, H. C., et al., "Cooling and evacuation of an active region loop complex observed with TRACE", 2002ESASP.477..179T ADS
- Gontikakis, C., Dara, H. C., Zachariadis, T., Alissandrakis, C. E., & Vial, J. C., "Relation between intensity and Dopplershifts in the quiet Sun transition region", 2002ESASP.477..107G ADS
- Dara, H. C., Gontikakis, C., Zachariadis, T., et al., "Multiwavelength analysis of an active region observed with SOHO and TRACE", 2002ESASP.477..95D ADS
- Cirigliano, D., Vial, J. C., & Rovira, M., "Observaciones del disco solar y de una protuberancia quiescente en radiación ultravioleta", 2002BAAA...45..18C ADS
- Lemaire, P., Artzner, G., Vial, J. C., et al., "Transition region quiet sun velocity field evolution", 2002AdSpR..30..487L 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](#)
- Schmieder, B., van Driel-Gesztelyi, L., Aulanier, G., et al., "Relationships between CME's and prominences", 2002AdSpR..29.1451S [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](#)
- Patsourakos, S., Habbal, S. R., Vial, J. C., & Hu, Y. Q., "The polar coronal holes and the fast solar wind: Some recent results", 2001AIPC..598..299P [ADS](#)
- von Steiger, R., Vial, J. C., Bochsler, P., et al., "Measuring Solar Abundances", 2001AIPC..598..13V [ADS](#)
- Patsourakos, S. & Vial, J.-C., "Analysis of a UV Event in a Polar Coronal Hole", 2001SoPh..203...39P [ADS](#)
- Gontikakis, C., Dara, H. C., Alissandrakis, C. E., Zachariadis, T. G., & Vial, J. C., "Dopplershifts in the solar transition region", 2001A&A...378..257G [ADS](#)
- Tsiropoula, G., Gontikakis, C., Dara, H. C., et al., "Multi-wavelength analysis of a solar active region loop system with SOHO, TRACE and ground-based telescopes", 2001he11.confE..40T [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](#)
- Patsourakos, S. & Vial, J. C., "Searching the source regions of the fast solar wind in polar coronal holes: some recent SOHO/eclipse results and the potential of the Solar Orbiter", 2001ESASP.493..321P [ADS](#)
- Harrison, R. A. & Vial, J. C., "Solar Orbiter EUV/UV wavelength selection and instrumentation - report of Payload Splinter Group 4", 2001ESASP.493..151H [ADS](#)
- Patsourakos, S. & Vial, J. C., "High-resolution EUV imaging and spectroscopy of the corona", 2001ESASP.493..13P [ADS](#)
- Régnier, S., Solomon, J., & Vial, J. C., "Oscillations in an active region filament: Observations and comparison with MHD waves", 2001A&A...376..292R [ADS](#)
- Nenovski, P., Dermendjiev, V. N., Detchev, M., Vial, J. C., & Bocchialini, K., "On a mechanism of intensification of field-aligned currents at the solar chromosphere-quiescent prominence boundaries", 2001A&A...375.1065N [ADS](#)
- Vial, J. C., "Quelques réflexions sur les travaux en cours de la Commission "Système Solaire et Univers lointain" du Comité National", 2001sf2a.conf....7V [ADS](#)
- Habbal, S. R., Woo, R., & Vial, J.-C., "UVCS Observations of Velocity Shear at Streamer Boundaries in the Corona", 2001SSRV..97...8H [ADS](#)
- Habbal, S. R., Woo, R., & Vial, J.-C., "UVCS Observations of Velocity Shear at Streamer Boundaries in the Corona", 2001SSRV..97...5H [ADS](#)
- Heinzel, P., Schmieder, B., Vial, J. C., & Kotrč, P., "SOHO/SUMER observations and analysis of the hydrogen Lyman spectrum in solar prominences", 2001A&A...370..281H [ADS](#)
- Bocchialini, K., Costa, A., Domenech, G., et al., "Dynamics of a Quiescent Solar Prominence Observed with the SUMER/SOHO Instrument", 2001SoPh..199..133B [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](#)
- Bocchialini, K., Costa, A., Domenech, G., Rovira, M., & Vial, J. C., "Oscillations Observed in Intensity and Velocity for a Quienscent Prominence", 2001IAUS..203..419B [ADS](#)
- Madjarska, M. S., Vial, J. C., Bocchialini, K., & Dermendjiev, V. N., "Plasma Parameters of a Prominence Observed on October 16/17 1999 by SUMER and CDS/SOHO", 2001IAUS..203..410M [ADS](#)
- Gontikakis, C., Landi, E., Dara, H. C., Alissandrakis, C. E., & Vial, J. C., "DEM Study of Selected Quiet Sun Regions", 2001IAUS..203..390G [ADS](#)
- Régnier, S., Solomon, J., & Vial, J. C., "SUMER/SOHO Observations of Long Period Oscillations in an Active Region Filament", 2001IAUS..203..307R [ADS](#)
- Aletti, V., Velli, M., Bocchialini, K., et al., "Microscale Structures on the Quiet Sun and Coronal Heating", 2000ApJ...544..550A [ADS](#)
- Patsourakos, S. & Vial, J. C., "Outflow velocity of interplume regions at the base of Polar Coronal Holes", 2000A&A...359L...1P [ADS](#)
- Schmieder, B., Delannée, C., Yong, D. Y., Vial, J. C., & Madjarska, M., "Multi-wavelength study of the slow "disparition brusque" of a filament observed with SOHO", 2000A&A...358..728S [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](#)
- Hochedez, J. F., Verwichte, E., Bergonzo, P., et al., "Future Diamond UV Imagers For Solar Physics", 2000PSSAR.181..141H [ADS](#)
- Rozelot, J. P., Klein, L., & Vial, J. C.: 2000, *Transport and Energy Conversion in the Heliosphere*, Vol. 553 2000LNP...553....R [ADS](#)
- Aulanier, G., Schmieder, B., van Driel-Gesztelyi, L., et al., "3-D Magnetic Configurations for Filaments and Flares: The Role of "Magnetic Dips" and "Bald Patches""", 2000AdSpR..26..485A [ADS](#)
- Heinzel, P., Schmieder, B., Vial, J. C., & Rudawy, P., "Solar Prominences Observed by Soho (SUMER, CDS, EIT) and Ground-Based Observatories (GBO)", 2000AdSpR..25.1777H [ADS](#)
- Cauzzi, G., Falchi, A., Falciani, R., & Vial, J. C., "Is Flaring Activity present in the Chromospheric Network?", 1999ESASP.448..685C [ADS](#)
- Bocchialini, K., Aletti, V., Vial, J. C., & Lemaire, P., "Observational Signatures of Microscale Heating", 1999ESASP.448..539B [ADS](#)
- Régnier, S., Solomon, J., Vial, J. C., Amari, T., & Mickey, D., "Magnetic and Dynamic Evolution of an Active Region", 1999ESASP.448..519R [ADS](#)
- Labrosse, N., Gouttebroze, P., & Vial, J. C., "Modelling of Helium Spectrum in Solar Prominences", 1999ESASP.448..503L [ADS](#)
- Gontikakis, C. P., Dara, H. C., Alissandrakis, C. E., et al., "Structure and Dynamics in the Transition Region", 1999ESASP.448..297G [ADS](#)
- Vial, J. C. & Kaldeich-Schürmann, B.: 1999, *Plasma dynamics and diagnostics in the solar transition region and corona. Proceedings. 1999pdbs.book.....V* [ADS](#)
- Schmieder, B., Heinzel, P., Vial, J. C., & Rudawy, P., "SOHO/SUMER observations and analysis of hydrogen Lyman lines in a quiescent prominence", 1999SoPh..189..109S [ADS](#)
- Schmieder, B., Kucera, T., Heinzel, P., & Vial, J. C., "Hydrogen Lyman Lines and Continuum Emission in a Polar-Crown Prominence Observed with SUMER/SOHO", 1999ESASP.446..605S [ADS](#)
- Regnier, S., Amari, T., Solomon, J., Vial, J. C., & Mickey, D., "Multi-Instrument Study Of The Evolution Of An Active Region", 1999ESASP.446..571R [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](#)
- Madjarska, M. S., Vial, J. C., Bocchialini, K., & Dermendjiev, V. N., "Plasma Diagnostics Of A Solar Prominence Observed On 12 June 1997 by EIT, Sumer And CDS", 1999ESASP.446..467M [ADS](#)
- Vial, J. C., "Preface", 1999ESASP.446..1V [ADS](#)
- , "8th SOHO Workshop: Plasma Dynamics and Diagnostics in the Solar Transition Region and Corona", 1999ESASP.446....V [ADS](#)
- Vial, J., "La mission solaire SOHO: quelques résultats récents", 1999CRASB.327.1201V [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](#)
- Schmieder, B., Heinzel, P., Vial, J. C., et al., "Coordinated Prominence Observations by SOHO and Ground-Based Observatories", 1999ASPC..184..296S [ADS](#)
- Aulanier, G., Schmieder, B., Kucera, T., et al., "The Role of "Magnetic Dips" and "Bald Patches" for a Filament Observed by SOHO and GBO", 1999ASPC..184..291A [ADS](#)
- Falchi, A., Cauzzi, G., Falciani, R., & Vial, J. C., "Multiwavelength Analysis of Network Bright Points - Coordinated Observations SOHO-GBO JOP No 37", 1999ASPC..184..261F [ADS](#)
- Patsourakos, S., Vial, J. C., Gabryl, J. R., Koutchmy, S., & Schühle, U., "Coordinated observations between SOHO/SUMER and ground during the 1998 total eclipse: Non-thermal line broadenings and electron densities in a polar coronal hole", 1999AIPC..471..285P [ADS](#)
- Blanco, S., Bocchialini, K., Costa, A., et al., "Multiresolution wavelet analysis of SUMER/SOHO observations in a solar prominence", 1999SoPh..186..281B [ADS](#)
- Kucera, T. A., Aulanier, G., Schmieder, B., Mein, N., & Vial, J. C., "Filament channel structures in a SI IV line related to a 3d magnetic model", 1999SoPh..186..259K [ADS](#)
- Gouttebroze, P., Vial, J. C., Bocchialini, K., Lemaire, P., & Leibacher, J. W., "Oscillations of the upper chromosphere", 1999SoPh..184..253G [ADS](#)
- Hassler, D. M., Dammasch, I. E., Lemaire, P., et al., "Solar Wind Outflow and the Chromospheric Magnetic Network", 1999Sci...283..810H [ADS](#)
- Schmieder, B., Heinzel, P., Vial, J. C., Delaboudinière, J. P., & Delannée, C., "Eruptive filament of May 31, 1997, observed by SOHO.", 1999joso.proc..147S [ADS](#)
- Patsourakos, S., Vial, J. C., Gabryl, J. R., Koutchmy, S., & Schühle, U., "Outflow Velocities at the Base of a Polar Coronal Hole During the 1998 Total Eclipse", 1999SSRV..87..291P [ADS](#)
- Patsourakos, S., Bocchialini, K., & Vial, J. C., "Solar chromospheric structures observed in UV resonance lines : a multivariate analysis approach", 1999CR2...322..337P [ADS](#)
- Rovira, M. G., Costa, A., Blanco, S., Domenech, G., & Vial, J. C., "Study of solar prominences with data obtained with the SUMER instrument on Board SOHO satellite.", 1998Iarm.confE..13R [ADS](#)
- Schmieder, B., Heinzel, P., Kucera, T., & Vial, J. C., "Filament Observations with SOHO Sumer/cds: The Behaviour of Hydrogen Lyman Lines", 1998SoPh..181..309S [ADS](#)

- Patsourakos, S., Bocchialini, K., & Vial, J. C., "Solar chromospheric structures observed in UV resonance lines: a multivariate analysis approach.", 1998CRASB.326..337P [ADS](#)
- Régnier, S., Bocchialini, K., Vial, J. C., Delaboudinière, J. P., & Thompson, W., "Statistical analysis of solar bright points observed with the SOHO space-craft.", 1998CRASB.326..211R [ADS](#)
- Lamartinie, S., Bocchialini, K., Vial, J. C., et al., "Quiescent filament diagnostic.", 1998joso.proc..139L [ADS](#)
- Schmieder, B., Kučera, T., Heinzel, P., & Vial, J. C., "Filament observations with SOHO SUMER/CDS.", 1998joso.proc..136S [ADS](#)
- Kotrc, P., Heinzel, P., Vial, J. C., & Rompolt, B., "Height variations of prominence plasma parameters", 1998PAICz..88..208K [ADS](#)
- Vial, J. C., Bocchialini, K., & Boumier, P.: 1998, *Space solar physics : theoretical and observational issues in the context of the SOHO mission*, Vol. 507 1998LNP...507....V [ADS](#)
- Vial, J. C., "Transient Events and Their Solar Magnetic Field", 1998HiA....11..877V [ADS](#)
- Loucif, M. L., Ben Jaffel, L., Koutchmy, S., & Vial, J. C., "Coronal jet turbulent activity to explain distorted emission line", 1998ESASP.421..303L [ADS](#)
- Delanee, C., Koutchmy, S., Delaboudinire, J. P., et al., "Polar jets and plasmoids:Results from JOP 57", 1998ESASP.421..129D [ADS](#)
- Aulanier, G., Schmieder, B., Démoulin, P., et al., "3-D Modelling of a Filament Observed in H α and with SOHO", 1998ESASP.417..217A [ADS](#)
- Le Quéau, D., Roux, A., & Vial, J. C., "Solar Probe: The RAMSES Proposal", 1998ESASP.417..75L [ADS](#)
- Vial, J. C., Koutchmy, S., & Habbal, S. R., "Cor-I: a coronal white-light imager for a solar probe", 1998AdSpR..21..291V [ADS](#)
- Nenovski, P., Dermendjiev, V. N., Madjarska, M. S., & Vial, J. C., "On a Possible Mechanism of Quiescent Prominence Destabilization", 1998ASPC..150..354N [ADS](#)
- Schmieder, B., Kucera, T., Heinzel, P., & Vial, J. C., "SUMER/SOHO Filament Observations in Selected Lyman Lines", 1998ASPC..150..205S [ADS](#)
- Vial, J. C., "Solar Prominence Diagnostics (Review)", 1998ASPC..150..175V [ADS](#)
- Chiuderi-Drago, F., Bocchialini, K., Lamartinie, S., et al., "EUV and Microwave Observations of a Filament", 1998ASPC..150..55C [ADS](#)
- Gontikakis, C., Vial, J. C., & Gouttebroze, P., "Emission of hydrogen lines by moving solar prominences.", 1997A&A...325..803G [ADS](#)
- Gontikakis, C., Vial, J. C., & Gouttebroze, P., "Spectral diagnostics for eruptive prominences", 1997SoPh..172..189G [ADS](#)
- Gouttebroze, P., Vial, J. C., & Heinzel, P., "Formation of CA II Lines in Solar Prominences", 1997SoPh..172..125G [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](#)
- Vial, J. C., Gontikakis, C., Bocchialini, K., & Gouttebroze, P., "Diagnostic and observations of quiescent and", 1997IAUD..19E..55V [ADS](#)
- Schmieder, B., van Driel-Gesztelyi, L., Wiik, J. E., et al., "Solar Magnetic Field Events related to CMEs observed with SOHO (MDI, EIT, SUMER, LASCO)", 1997IAUD..19E..42S [ADS](#)
- Patsourakos, S., Bocchialini, K., & Vial, J. C., "First Results of SOHO's Joint Observing Programme 40", 1997IAUD..19E..38P [ADS](#)
- Patsourakos, S., Bocchialini, K., & Vial, J. C., "Low Transition-Region Characteristics of Equatorial Coronal Holes", 1997ESASP.404..577P [ADS](#)
- Heinzel, P., Schmieder, B., & Vial, J. C., "NLTE Analysis of SUMER Filament Observations on SOHO", 1997ESASP.404..427H [ADS](#)
- Delanée, C., Koutchmy, S., Delaboudiniè, J. P., et al., "Polar Jets and Plasmoids: Preliminary Results from JOP 57", 1997ESASP.404..327D [ADS](#)
- Bocchialini, K., Vial, J. C., & Einaudi, G., "Statistical Analysis of a Bright Point Observed Simultaneously in Two Chromospheric and Transition Region Lines by SUMER", 1997ESASP.404..211B [ADS](#)
- Lemaire, P., Wilhelm, K., Schühle, U., et al., "High resolution solar ultraviolet measurements", 1997AdSpR..20..2249L [ADS](#)
- Cauzzi, G., Vial, J. C., Falciani, R., Falchi, A., & Smaldone, L. A., "Dynamics of Minor Solar Activity textbackslashnewline Coordinated Observations SOHO-GBO JOP #37", 1997ASPC..118..309C [ADS](#)
- Alissandrakis, C. E., Drago, F., Bastian, T., et al., "Microwave and UV observations of filaments with SOHO and the VLA", 1997ASPC..118..289A [ADS](#)
- Patsourakos, S. & Vial, J. C., "Simulated white-light images of coronal structures as obtained by the CORI imager on-board a solar probe", 1997AIPC..385..129P [ADS](#)
- Bocchialini, K. & Vial, J. C., "High-Chromosphere and Low-Transition-Region Network: a Different Organization in an Equatorial Coronal Hole?", 1996SoPh..168..37B [ADS](#)
- Fontenla, J. M., Rovira, M., Vial, J. C., & Gouttebroze, P., "Prominence Thread Models Including Ambipolar Diffusion", 1996ApJ...466..496F [ADS](#)
- Humphreys, R. M., Kemp, S., Savonije, G., et al., "Book reviews", 1996SSRv...76..339H [ADS](#)
- Mein, N., Mein, P., Heinzel, P., et al., "Cloud model with variable source function for solar H α structures.", 1996A&A...309..275M [ADS](#)
- Heinzel, P., Bommier, V., & Vial, J. C., "A Complex Diagnostic of Solar Prominences", 1996SoPh..164..211H [ADS](#)
- Gontikakis, C. & Vial, J. C., "Prominence Eruption and Coronal Mass Ejections: Diagnostics and Future Observations from SOHO", 1996ApL&C..34..119G [ADS](#)
- Kononovich, E. V., Gorshkov, A. B., Smirnova, O. B., Kotrc, P., & Vial, J. C., "Two-dimensional Model of a Rotating Solar Prominence I. Observations and Preliminary Approach", 1996ASPC...95..251K [ADS](#)
- Wilhelm, K., Curdt, W., Marsch, E., et al., "SUMER - Solar Ultraviolet Measurements of Emitted Radiation", 1995SoPh..162..189W [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](#)
- Vial, J. C., "Solar Physics from Ground-Based Infrared and Space Observations", 1995itsa.conf..221V [ADS](#)
- Koutchmy, S., Bouchard, O., Grib, S., et al., "About small plasmoids propagating in the solar corona", 1994ESASP.373..139K [ADS](#)
- Heinzel, P., Gouttebroze, P., & Vial, J. C., "Theoretical correlations between prominence plasma parameters and the emitted radiation.", 1994A&A...292..656H [ADS](#)
- Koutchmy, S., Molodenskii, M. M., & Vial, J. C., "On the three-dimensional structure of coronal rays", 1994ARep...38..822K [ADS](#)
- Bocchialini, S., Vial, J. C., & Koutchmy, S., "The Chromospheric network dynamics as derived from the analysis of CA II K and He I 1083 NM lines", 1994SSRv...70..57B [ADS](#)
- Bocchialini, K. & Vial, J. C., "Solar chromospheric structures as observed simultaneously in strong UV lines I. Observations, statistical analysis and characteristic line profiles.", 1994A&A...287..233B [ADS](#)
- Vial, J. C., Koutchmy, S., & Smartt, R. N., "Moon-based UV reflecting coronagraph", 1994AdSpR..14f..43V [ADS](#)
- Vial, J. C., "The solar corona from SOHO", 1994AdSpR..14d.181V [ADS](#)
- Damé, L., Rutten, R. J., Thorne, A. P., & Vial, J. C., "The SIMURIS interferometric mission: Solar physics objectives and model payload", 1994AdSpR..14d.167D [ADS](#)
- Bocchialini, K., Vial, J.-C., & Koutchmy, S., "Dynamical Properties of the Chromosphere In and Out of the Solar Magnetic Network", 1994ApJ...423L..67B [ADS](#)
- Wilhelm, K., Curdt, W., Gabriel, A. H., et al., "'SUMER' - Solar Ultraviolet Measurements of Emitted Radiation", 1994scs..conf..619W [ADS](#)
- Bouchard, O., Koutchmy, S., November, L., Vial, J. C., & Zirker, J. B., "Very High Resolution Analysis of the Dynamics of a Coronal Plasmoid", 1994scs..conf..593B [ADS](#)
- Koutchmy, S., Molodensky, M. M., & Vial, J. C., "On the 3D Solar Corona Structure", 1994scs..conf..585K [ADS](#)
- Heinzel, P., Gouttebroze, P., & Vial, J. C., "Theoretical Correlations Between Various Prominence Parameters", 1994scs..conf..439H [ADS](#)
- Molodensky, M. M. & Vial, J. C., "On the Motion of Eruptive Prominences", 1994scs..conf..349M [ADS](#)
- Rovira, M. G., Fontenla, J. M., Vial, J. C., & Gouttebroze, P., "Effects of Ambipolar Diffusion on Prominence Thread Models", 1994scs..conf..315R [ADS](#)
- Bocchialini, K., Vial, J. C., & Koutchmy, S., "Wave Properties in the Upper Chromosphere and at the Base of the Corona", 1994scs..conf..123B [ADS](#)
- , "Solar coronal structures", 1994scs..conf....R [ADS](#)
- Vial, J. C., "Round Table on Solar Databases", 1994emsp.conf..203V [ADS](#)
- Bocchialini, K., Koutchmy, S., Vial, J. C., & Zirker, J. B., "Analysis of the Chromospheric Proxies of Coronal Bright Points - Preliminary Results", 1994emsp.conf..173B [ADS](#)
- Bocchialini, K., Gouttebroze, P., & Vial, J. C., "Observed Chromospheric Profiles Compared with Theoretical Ones", 1994emsp.conf..49B [ADS](#)
- Koutchmy, S., Molodenskii, M. M., & Vial, J. C., "on the Three-Dimensional Structure of Coronal Rays", 1994AZh....71..925K [ADS](#)
- Bocchialini, K., Vial, J. C., Koutchmy, S., & Zirker, J. B., "Analysis of Chromospheric Proxies of Coronal Bright Points", 1994ASPC...68..389B [ADS](#)
- Vial, J. C., "Congrès Européen de Physique Solaire de Catane (Sicile).", 1993LAsr.107..316V [ADS](#)
- Vial, J. C. & Molodenskij, M. M., "Structure of coronal rays", 1993AZh....70.1092V [ADS](#)
- Vial, J. C. & Molodenskii, M. M., "Structure of coronal rays", 1993ARep...37..551V [ADS](#)

- Paleto, F., Vial, J. C., & Auer, L. H., "Two-dimensional radiative transfer with partial frequency redistribution. II. Application to resonance lines in quiescent prominences", 1993A&A...274..571P [ADS](#)
- Wilhelm, K., Curdt, W., Marsch, E., et al., "SUMER - Solar Ultraviolet Measurements of Emitted Radiation", 1993BAAS...25.1192W [ADS](#)
- Gouttebroze, P., Heinzel, P., & Vial, J. C., "The hydrogen spectrum of model prominences.", 1993A&S...99..513G [ADS](#)
- Damé, L., Coradini, M., Foing, B., et al., "Stellar objectives of SIMURIS", 1993MmSAT..64..345D [ADS](#)
- Damé, L., Coradini, M., Foing, B., et al., "The SIMURIS interferometric mission: solar physics objectives and model payload (invited paper)", 1993MmSAT..64..333D [ADS](#)
- Paleto, F., Vial, J.-C., & Auer, L. H., "Radiative modeling of solar prominences, two-dimensional transfer plus partial frequency redistribution.", 1992ESASP.348..225P [ADS](#)
- Bocchialini, K. & Vial, J.-C., "Quiet and active solar structures as observed at the bottom of the transition region.", 1992ESASP.348..197B [ADS](#)
- Lemaire, P., Wilhelm, K., Axford, W. I., et al., "SUMER: temperatures, densities, and velocities in the outer solar atmosphere.", 1992ESASP.348..13L [ADS](#)
- Demoulin, P. & Vial, J. C., "Structural Characteristics of Eruptive Prominences", 1992SoPh..141..289D [ADS](#)
- , "Model payload and system design of the SIMURIS interferometric mission", 1992wadc.iafcZ....D [ADS](#)
- Wilhelm, K., Axford, W. I., Curdt, W., et al.: 1992, "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](#)
- Vial, J. C., Koutchmy, S., Monnet, G., et al., "Evidence of plasmoid ejection in the corona from 1991 eclipse observations with the Canada-France-Hawaii telescope", 1992ESASP.344..87V [ADS](#)
- Heinzel, P. & Vial, J. C., "The fine structure of prominences.", 1992ESASP.344..57H [ADS](#)
- Damé, L., Acton, L., Bruner, M. E., et al., "Design Rationale of the Solar Ultraviolet Network/Sun", 1992ESOC...39..995D [ADS](#)
- Wilhelm, K., Axford, W. I., Gurd, W., et al., "SUMER - Solar ultraviolet measurements of emitted radiation", 1992sws..coll..129W [ADS](#)
- Vial, J. C., "Chaufrage de la couronne et de la région de transition (solaires).", 1991sed..conf..317V [ADS](#)
- Frohlich, C., Bonnet, R. M., Bruns, A. V., et al., "The helioseismological experiment at the Phobos interplanetary station - Preliminary results", 1991IzKry..83..22F [ADS](#)
- Frohlich, C., Bonnet, R. M., Bruns, A. V., et al., "The helioseismology experiment on the Phobos planetary mission. Preliminary results", 1991BCrAO..83..18F [ADS](#)
- Damé, L., Acton, L., Bruner, M., et al., "Solar physics at ultrahigh resolution from the space station with the Solar Ultraviolet Network (SUN)", 1991AdSpR..11e.267D [ADS](#)
- Damé, L., Acton, L., Bruner, M., et al., "A solar interferometric mission for ultrahigh resolution imaging and spectroscopy: SIMURIS", 1991AdSpR..11a.383D [ADS](#)
- Smartt, R. N., Koutchmy, S., & Vial, J. C., "UV solar reflecting coronagraph", 1990AIPC..207..578S [ADS](#)
- Chassefiere, E., Lallement, R., Berta, J. L., Vial, J. C., & Sandel, B. R., "Comparison of Ly- α and Ly- β interplanetary glows observed by the Voyager ultraviolet spectrometer.", 1990phoh.coll..65C [ADS](#)
- Koutchmy, S. & Vial, J., "Le Soleil 24 Heures Sur 24", 1990Rech..217..10K [ADS](#)
- Koutchmy, S. & Vial, J. C., "Coming: 24 hour surveillance of the sun.", 1990Rech..21..10K [ADS](#)
- Damé, L., Acton, L., Bruner, M., et al., "High Resolution Solar Physics from the Space Station with Interferometric Techniques: The Solar Ultraviolet Network (SUN) - Instrument & Objectives", 1990PDHO...7..262D [ADS](#)
- Vial, J. C., Rovira, M., Fontenla, J., & Gouttebroze, P., "Multi-Thread Structure as a Possible Solution for the L-Beta Problem in Solar Prominences", in V. Ruzdjak and E. Tandberg-Hanssen (Eds.), IAU Colloq. 117: Dynamics of Quiescent Prominences, Vol. 363, 282 1990LNP...363..282V [ADS](#)
- Vial, J. C., "The Prominence / Corona Interface", in V. Ruzdjak and E. Tandberg-Hanssen (Eds.), IAU Colloq. 117: Dynamics of Quiescent Prominences, Vol. 363, 106 1990LNP...363..106V [ADS](#)
- Lemaire, P., Samain, D., & Vial, J. C., "Fine structure observation in a solar prominence", 1990AdSpR..10i.191L [ADS](#)
- Vial, J. C., "Réunion "SOHO-Couronne" des investigateurs français sur les instruments coronaux de SOHO.", 1989JAF....35..18V [ADS](#)
- Vial, J. C., "6 - 20 mars 1989: deux semaines d'intense activité pour une seule région solaire.", 1989LAstr.103..203V [ADS](#)
- Malherbe, J. M., Martres, M. J., & Vial, J. C., "Protuberanzen und Beobachtungsprogramme.", 1989Sonnen..13....8M [ADS](#)
- Heristchi, D., Raadu, M. A., Vial, J. C., & Malherbe, J. M., "Particles and energy transport in the solar atmosphere during solar flares.", 1989sasf.confP.321H [ADS](#)
- Gouttebroze, P., Vial, J.-C., & Lemaire, P., "The diagnostic and modelling of the solar atmosphere through non-LTE radiative transfer: some results and prospects.", 1989mse..proc..245G [ADS](#)
- Vial, J. C., Rovira, M., Fontenla, J., & Gouttebroze, P., "Multithread Structure as a Possible Solution for the L-beta Problem in Solar Prominences", 1989HvaOB..13..347V [ADS](#)
- Curdt, W., Wilhelm, K., Axford, W. I., et al., "SUMER - Solar ultraviolet measurements of emitted radiation.", 1989AGAb....2..14C [ADS](#)
- Frohlich, C., Bonnet, R. M., Bruns, A. V., et al., "IPHIR: The helioseismology experiment on the PHOBOS mission.", 1988ESASP.286..359F [ADS](#)
- Marthes, M. J., Malherbe, J. M., & Vial, J., "Two Solar Observation Programmes", 1988scaa.conf..175M [ADS](#)
- Vial, J. C., "The O VI (103.2 nm) prominence profile and the prominence-corona interface.", 1988dssp.conf..181V [ADS](#)
- Heinzel, P., Gouttebroze, P., & Vial, J. C., "Non LTE modelling of prominences.", 1988dssp.conf..71H [ADS](#)
- Heinzel, P., Gouttebroze, P., & Vial, J. C., "Formation of the hydrogen spectrum in quiescent prominences - One-dimensional models with standard partial redistribution", 1987A&A..183..351H [ADS](#)
- Malherbe, J.-M., Martres, M.-J., & Vial, J.-C., "Protubérances solaires et programmes d'observation.", 1987LAstr.101..321M [ADS](#)
- Vial, J. C., "The O VI 103.2-NM Prominence Profile and the Prominence / Corona Interface", 1987dssp.work..181V [ADS](#)
- Heinzel, P., Gouttebroze, P., & Vial, J. C., "Non-Lte Modelling of Prominences", 1987dssp.work..71H [ADS](#)
- Vial, J. C. & Bellout, A., "Simultaneous measurements of chromospheric lines in sunspot umbra and penumbra.", 1987PAICz..66..215V [ADS](#)
- Damé, L., Foing, B., & Vial, J. C., "La haute résolution en physique solaire: perspectives pour l'avenir.", 1987JAF....29..16D [ADS](#)
- Vial, J. C., "Observations spatiales solaires.", 1987JAF....29..15V [ADS](#)
- Foing, B. H., Damé, L., Vial, J. C., et al., "Structures fines chromosphériques: nouveaux résultats de la caméra de la région de transition.", 1987JAF....29..15F [ADS](#)
- Heinzel, P., Gouttebroze, P., & Vial, J. C., "Partial redistribution effects in the formation of hydrogen lines in quiescent prominences.", 1986NASCp2442..155H [ADS](#)
- Vial, J. C., "Diagnostics and structure.", 1986NASCp2442..89V [ADS](#)
- Guerin, P., Koutchmy, S., & Vial, J. C., "Dynamical properties of a pre-perihelion comet tail. I. December 6, 1985 observations of P/Halley 82i.", 1986A&A...167..395G [ADS](#)
- Heinzel, P., Vial, J. C., Gouttebroze, P., & Rompolt, B., "Non-LTE models of solar prominences", 1986CoSkA..15..183H [ADS](#)
- Gouttebroze, P., Vial, J. C., & Tsipropoulou, G., "Emission of Lyman alpha radiation by solar coronal loops. I - General synopsis", 1986A&A...154..154G [ADS](#)
- Jewitt, D., Meech, K., Ricker, G., et al., "Periodic Comet Halley (1982i)", 1985IAUC.4148..11J [ADS](#)
- Damé, L. & Vial, J. C., "On the origin of the blue continuum of white-light flares", 1985ApJ...299L.103D [ADS](#)
- Gouttebroze, P., Vial, J. C., & Tsipropoulou, G., "Transfer of Lyman- α radiation in solar coronal loops.", 1985ASIC..152..359G [ADS](#)
- Vial, J. C., "Le satellite S.M.M. (Solar Maximum Mission). Un observatoire tout entier consacré à l'activité solaire.", 1984LAstr..98..211V [ADS](#)
- Lemaire, P., Choucq-Brunston, M., & Vial, J. C., "Simultaneous H and K CAII H and K MGII L-Alpha L-Beta HI Profiles of a Solar Flare Observed with OSO-8 L.P.S.P. Spectrometer", 1984apoa.conf..266L [ADS](#)
- Lemaire, P., Choucq-Brunston, M., & Vial, J. C., "Simultaneous H and K Ca ii, h and k Mg ii, L α and L β H i profiles of the April 15, 1978 solar flare observed with the OSO-8/L.P.S.P. experiment", 1984SoPh..90..63L [ADS](#)
- Schmieder, B., Mein, P., Vial, J. C., & Tandberg-Hanssen, E., "Dynamics of a surge observed in the C IV and H alpha lines", 1983A&A...127..337S [ADS](#)
- Heinzel, P. & Vial, J. C., "OSO-8 observations of a quiescent prominence - A comparison of Lyman-alpha with theoretical intensities", 1983A&A..121..155H [ADS](#)
- Dumont, S., Mouradian, Z., Pecker, J. C., Vial, J. C., & Chipman, E., "Structure and Physics of Solar Faculae - Part Three - the Densities in the Chromosphere-Corona Transition Zone", 1983SoPh..83..27D [ADS](#)
- Simon, G., Mein, P., Vial, J. C., Shine, R. A., & Woodgate, B. E., "Measurements of solar transition zone velocities and line broadening using the ultraviolet spectrometer and polarimeter on the Solar Maximum Mission", 1982A&A..115..367S [ADS](#)
- Mein, P., Simon, G., Vial, J. C., & Shine, R. A., "Mass motions in the solar chromosphere and transition zone", 1982A&A..111..136M [ADS](#)

- Mouradian, Z., Dumont, S., Pecker, J. C., et al., "Structure and Physics of Solar Faculae - Part Two - the Non-Thermal Velocity Field above Faculae", 1982SoPh...78..83M [ADS](#)
- Vial, J. C., "Two-dimensional nonlocal thermodynamic equilibrium transfer computations of resonance lines in quiescent prominences", 1982ApJ...254..780V [ADS](#)
- Vial, J. C., "Optically thick lines in a quiescent prominence - Profiles of Lyman-alpha, Lyman-beta/H I, K and H/Mg II, and K and H/Ca II lines with the OSO 8 LPSP instrument", 1982ApJ...253..330V [ADS](#)
- Schmieder, B., Mein, P., Vial, J. C., & Tandberg-Hanssen, E., "A surge observed in H α and CIV", 1982AdSpR...2k.225S [ADS](#)
- Malherbe, J. M., Simon, G., Mein, P., et al., "Preflare heating of filaments", 1982AdSpR...2k..53M [ADS](#)
- Lemaire, P., Gouttebroze, P., Vial, J. C., & Artzner, G. E., "Physical properties of the solar chromosphere deduced from optically thick lines. I - Observations, data reduction, and modelling of an average plage", 1981A&A...103..160L [ADS](#)
- Artzner, G., Cazes, S., Emerich, C., Vial, J. C., & Lemaire, P., "Absorption feature observed on the H Lyman-alpha solar line - an interpretation", 1981A&A...100..205A [ADS](#)
- Vial, J. C., Martres, M. J., & Salm-Platzer, J., "La, L β (of H i), k and h (of Mg ii), K and H (of Ca ii) observations in a quiescent prominence with the OSO-8 LPSP instrument", 1981SoPh...70..325V [ADS](#)
- Kneer, F., Schärmer, G., Mattig, W., et al., "OSO-8 Observations of CAII H and KMII H and K Lyman-Alpha and Lyman-Beta above a Sunspot", 1981SoPh...69..289K [ADS](#)
- Vial, J.-C. J.: 1981, "Contribution à l'étude des protubérances solaires à partir des observations effectuées sur l'instrument du LPSP à bord du satellite OSO-8Contribution à l'étude des protubérances solaires à partir des observations effectuées sur l'instrument du LPSP à bord du satellite OSO-8Contribution to the study of solar prominences from observations made on the LPSP instrument on board the OSO-8 satellite.", Ph.D. thesis, Université de Paris Diderot (Paris VII), France 1981PhDT.....42V [ADS](#)
- Jouchoux, A., Vial, J. C., Artzner, G. E., Gouttebroze, P., & Lemaire, P., "Solar H I LY alpha far wing measurement", 1981A&A...93..415J [ADS](#)
- Vial, J. C., Lemaire, P., Artzner, G., & Gouttebroze, P., "On VI ($\lambda = 1032 \text{ \AA}$) profiles in and above an active region prominence, compared to quiet Sun center and limb profiles", 1980SoPh...68..187V [ADS](#)
- Simon, G., Mouradian, Z., Dumont, S., et al., "Microturbulence near the edge of a solar plage", 1980A&A...89L..8S [ADS](#)
- Grossmann-Doerth, U., Kneer, F., Uexküll, M., Artzner, G. E., & Vial, J. C., "Observations of Chromospheric Lines from OSO-8", 1980SoPh...66..3G [ADS](#)
- Dumont, S., Mouradian, Z., Pecker, J. C., et al., "Center-to-limb solar observations of the K_2 component of the Ca II K line with the OSO 8 satellite.", 1980CRASB.290..365D [ADS](#)
- Dumont, S., Mouradian, Z., Pecker, J. C., et al., "Non thermal velocities in the chromosphere-corona transition zone of solar active regions.", 1980CRASB.290..317D [ADS](#)
- Vial, J. C., Gouttebroze, P., Artzner, G., & Lemaire, P., "Profiles of H I (Ly α), Mg II (h and k), Ca II (H and K) lines of an active filament at the limb, with the LPSP instrument aboard the OSO-8 satellite.", 1979SoPh...61..39V [ADS](#)
- Vial, J. C., Gouttebroze, P., Artzner, G., & Lemaire, P., "Profiles of H i (Ly α), MG II (h and K), CA II (h and k) Lines in an Active Filament at the Limb, Observed with the LPSP Instrument Onboard the OSO-8 Satellite.", 1979phsp.col1..250V [ADS](#)
- Vial, J. C., Lemaire, P., & Gouttebroze, P., "LY α and β of hi, H and K of MG ii, H and K of CA II Profiles of a Quiescent Prominence Obtained with the LPSP Instrument of OSO-8.", 1979phsp.col1..52V [ADS](#)
- Gouttebroze, P., Lemaire, P., Vial, J. C., & Artzner, G., "The solar hydrogen Lyman-beta and Lyman-alpha lines: disk center observations from OSO 8 compared with theoretical profiles.", 1978ApJ...225..655G [ADS](#)
- Artzner, G., Leibacher, J., Vial, J. C., Lemaire, P., & Gouttebroze, P., "Simultaneous time-resolved observations of the H Lalpha, Mg k 2795 \AA , and Ca K solar lines.", 1978ApJ...224L..83A [ADS](#)
- Lemaire, P., Charra, J., Jouchoux, A., et al., "Calibrated full disk solar H I Lyman-alpha and Lyman-beta profiles.", 1978ApJ...223L..55L [ADS](#)
- Bonnet, R. M., Lemaire, P., Vial, J. C., et al., "The LPSP instrument on OSO 8. II. In-flight performance and preliminary results.", 1978ApJ...221.1032B [ADS](#)
- Lemaire, P., Skumanich, A., Artzner, G., et al., "Doppler Shifts measured in O VI line from OSO-B observations above and in the vicinity of plage Mc Math 13738.", 1978BAAS...10Q.440L [ADS](#)
- Skumanich, A., Jouchoux, A., Castelli, J., et al., "OSO-8 Radio and X-ray observations of the 19 April 1977 flare.", 1978BAAS...10..441S [ADS](#)
- Jouchoux, A., Skumanich, A., Bonnet, R. M., et al., "EUV observations of class-C X-ray flare by the LPSP (Laboratoire de Physique Stellaire et Planétaire du Centre National de la Recherche Scientifique) spectrometer on OSO-8.", 1977BAAS....9..432J [ADS](#)