

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

- Wieler, R. & Bochsler, P., “Secular Variability of the Solar Wind Composition? - The Case of Xe/Kr in the Lunar Regolith”, 2022LPICo2678.1370W ADS
- Wieler, R., Bochsler, P., & Marty, B., “Do Lunar Regolith Samples Testify of a Contribution of Cometary Xenon onto the Moon?”, 2021LPI...52.1085W ADS
- Bochsler, P. & Rainer, W., “Lunar Xenon from Ancient Earth-Wind”, 2020EPSC...14...177B ADS
- Wieler, R. & Bochsler, P., “A Possible Contribution from the Ancient Terrestrial Atmosphere to the Trapped Xenon Inventory of Lunar Soils”, 2020LPI...51.1076W ADS
- Vogel, N., Heber, V. S., Bochsler, P., et al., “Noble gas elemental abundances in three solar wind regimes as recorded by the Genesis mission”, 2019GeCoA.263..182V ADS
- Vogel, N., Heber, V. S., Bochsler, P., et al., “Elemental Abundances of Noble Gases in Solar Wind Regimes Collected by Genesis”, 2019LPI...50.1232V ADS
- Bochsler, P., Fludra, A., & Giunta, A., “Charge States of Krypton and Xenon in the Solar Wind”, 2017SoPh...292...128B ADS
- Yu, J., Berger, L., Wimmer-Schweingruber, R., et al., “Suprathermal helium in corotating interaction regions: combined observations from SOHO/CELIAS/STOF and ACE/SWICS”, 2017A&A...599A...13Y ADS
- Schwadron, N., Moebius, E., McComas, D. J., et al., “Interstellar O, He and Magnetic Field from IBEX and IMAP Predictions”, 2016AGUFMSH23A...08S ADS
- Balsiger, H. R., Altwegg, K., Bar-Nun, A., et al., “Noble gases Ar, Kr and Xe measured in the coma of Comet 67P/Churyumov-Gerasimenko: implications to early solar system formation”, 2016AGUFM.P43D...08B ADS
- Schwadron, N. A., Möbius, E., McComas, D. J., et al., “Determination of Interstellar O Parameters Using the First Two Years of Data From the Interstellar Boundary Explorer”, 2016ApJ...828...81S ADS
- Fujiya, W., Bochsler, P., Wieler, R., Hoppe, P., & Ott, U., “Solar Wind Boron in Ilmenite Grains from Lunar Soil 71501”, 2016LPICo1921.6381F ADS
- Altwegg, K., Balsiger, H., Bar-Nun, A., et al., “Prebiotic chemicals—amino acid and phosphorus—in the coma of comet 67P/Churyumov-Gerasimenko”, 2016SciA...2E0285A ADS
- Mall, U., Altwegg, K., Balsiger, H., et al., “High-Time Resolution In-situ Investigation of Major Cometary Volatiles around 67P/C-G at 3.1 - 2.3 AU Measured with ROSINA-RTOF”, 2016ApJ...819...126M ADS
- Bieler, A. M., Altwegg, K., Balsiger, H. R., et al., “Evolution of H₂O related species in the neutral coma of 67P”, 2015AGUFM.P33E...01B ADS
- Bieler, A., Altwegg, K., Balsiger, H., et al., “Abundant molecular oxygen in the coma of comet 67P/Churyumov-Gerasimenko”, 2015Natur.526..678B ADS
- Vogel, N., Bochsler, P., Bühler, F., et al., “Similarities and differences between the solar wind light noble gas compositions determined on Apollo 15 SWC foils and on NASA Genesis targets”, 2015M&PS...50.1663V ADS
- Rubin, M., Altwegg, K., Balsiger, H., et al., “Molecular nitrogen in comet 67P/Churyumov-Gerasimenko indicates a low formation temperature”, 2015Sci...348...232R ADS
- Hässig, M., Altwegg, K., Balsiger, H., et al., “Time variability and heterogeneity in the coma of 67P/Churyumov-Gerasimenko”, 2015Sci...347a0276H ADS
- Altwegg, K., Balsiger, H., Bar-Nun, A., et al., “67P/Churyumov-Gerasimenko, a Jupiter family comet with a high D/H ratio”, 2015Sci...347A.387A ADS
- Janitzek, N. P., Berger, L., Drews, C., et al., “High-Time Resolution Measurements of Heavy Ions with SOHO/CELIAS/CTOF”, 2014AGUFMSH33A4134J ADS
- Heidrich-Meisner, V., Berger, L., Wimmer-Schweingruber, R. F., et al., “Minor Ion Species in the Solar Wind As Seen with SOHO/Celias/Mtof”, 2014AGUFMSH33A4128H ADS
- Taut, A., Berger, L., Bochsler, P. A., et al., “The Composition of Inner-source Heavy Pickup Ions: SOHO/CELIAS/CTOF Results”, 2014AGUFMSH13B4122T ADS
- Yu, J., Berger, L., Wimmer-Schweingruber, R. F., et al., “The Variability of Suprathermal Pickup He⁺ Measured with SOHO/CELIAS/STOF”, 2014AGUFMSH13B4121Y ADS
- Mousis, O., Altwegg, K., Balsiger, H. R., et al., “Expected constraints on the outer solar system formation conditions from the Rosetta-ROSINA measurements”, 2014AGUFM.P33D4051M ADS
- Mousis, O., Altwegg, K., Bertaux, J.-L., et al., “Expected constraints on the outer solar system formation conditions from the Rosetta-ROSINA measurements”, 2014DPS...4620905M ADS
- Chen, J. H., Bochsler, P., Möbius, E., & Gloeckler, G., “Possible modification of the cooling index of interstellar helium pickup ions by electron impact ionization in the inner heliosphere”, 2014JGRA...119.7142C ADS
- Bochsler, P., Kucharek, H., Möbius, E., et al., “Erratum: “Solar Photoionization Rates for Interstellar Neutrals in the Inner Heliosphere: H, He, O, and Ne” (2014, ApJS, 210, 12)”, 2014ApJS...211...32B ADS
- Guo, Z., Möbius, E., Klecker, B., et al., “Observation of High Iron Charge States at Low Energies in Solar Energetic Particle Events”, 2014ApJ...785...26G ADS
- Heber, V. S., McKeegan, K. D., Bochsler, P., Duprat, J., & Burnett, D. S., “The Elemental Composition of Solar Wind with Implications for Fractionation Processes During Solar Wind Formation”, 2014LPI...45.2117H ADS
- Fujiya, W., Hoppe, P., Ott, U., Meier, M. M. M., & Bochsler, P., “Solar Wind Boron Observed in a Hayabusa Sample and a Gas-Rich Meteorite”, 2014LPI...45.1802F ADS
- Wimmer-Schweingruber, R. F., Berger, L., Köten, M., Bochsler, P., & Gloeckler, G., “The 13C/12C Isotopic Ratio in the Solar Wind”, 2014LPI...45.1114W ADS
- Bochsler, P., Kucharek, H., Möbius, E., et al., “VizieR Online Data Catalog: Solar photoionization rates (Bochsler+, 2014)”, 2014yCat...22100012B ADS
- Bochsler, P., Kucharek, H., Möbius, E., et al., “Solar Photoionization Rates for Interstellar Neutrals in the Inner Heliosphere: H, He, O, and Ne”, 2014ApJS...210...12B ADS
- Chen, J. H., Möbius, E., Gloeckler, G., et al., “Observational study of the cooling behavior of interstellar helium pickup ions in the inner heliosphere”, 2013JGRA...118.3946C ADS
- Moebius, E., Bochsler, P. A., Bzowski, M., et al., “Interstellar Neutral Gas Flow Measurements with the Interstellar Boundary Explorer (IBEX) - Implications on Interstellar Medium and Heliosphere Diagnostics”, 2013AGUSMSH54B...06M ADS
- Heidrich-Meisner, V., Wimmer-Schweingruber, R. F., Wurz, P., et al., “A multi-timescale view on the slow solar wind with MTOF”, 2013EGUGA...15.9237H ADS
- Bochsler, P., Bzowski, M., Kucharek, H., Möbius, E., & Sokół, J. M., “Application of Solar EUV-Spectra to the Study of Photoionization of Interstellar Neutrals in the Heliosphere (invited)”, 2013enss.confE...49B ADS
- Heber, V. S., McKeegan, K. D., Bochsler, P., et al., “Elemental Fractionation Processes in the Solar Wind Revealed by Genesis Solar Wind Regime Samples”, 2013LPI...44.3028H ADS
- Bochsler, P., Eggenberger, P., & Meynet, G., “Solar Oxygen Isotopes After Genesis: Is the Final Word Out?”, 2013LPI...44.1557B ADS
- Bochsler, P., Heber, V. S., & Burnett, D. S., “Solar Abundances of Volatile Elements Revisited After Genesis”, 2013LPI...44.1277B ADS
- Funsten, H. O., Allegrini, F., Bochsler, P. A., et al., “Reflection of solar wind hydrogen from the lunar surface”, 2013JGRE...118...292F ADS
- Bzowski, M., Sokół, J. M., Tokumaru, M., et al., “Solar Parameters for Modeling the Interplanetary Background”, in E. Quémerais, M. Snow, and R.-M. Bonnet (Eds.), Cross-Calibration of Far UV Spectra of Solar System Objects and the Heliosphere, Vol. 13, 67 2013ccfu.book...67B ADS
- Lee, M. A., Schwadron, N. A., Saul, L. A., et al., “Radiation Pressure from IBEX Observations of Interstellar Neutral Hydrogen”, 2012AGUFMSH23A2219L ADS
- Leonard, T., Moebius, E., Bochsler, P. A., et al., “Combined Maximum Likelihood Fitting and Analytical Modeling of the Interstellar Neutral Gas Flow as Observed by IBEX”, 2012AGUFMSH23A2217L ADS
- Moebius, E., Bochsler, P. A., Bzowski, M., et al., “Diagnostics of the Interstellar Gas with IBEX Neutral Atom Observations in the Inner Heliosphere”, 2012AGUFMSH22A...01M ADS
- Park, J., Kucharek, H., Moebius, E., & Bochsler, P. A., “Global Oxygen ENAs sky maps from IBEX-Lo: Implication on the ENA sources”, 2012AGUFMSH11A2197P ADS
- Heber, V. S., Baur, H., Bochsler, P., et al., “Isotopic Mass Fractionation of Solar Wind: Evidence from Fast and Slow Solar Wind Collected by the Genesis mission”, 2012ApJ...759...121H ADS
- Drews, C., Berger, L., Wimmer-Schweingruber, R. F., et al., “Inflow direction of interstellar neutrals deduced from pickup ion measurements at 1 AU”, 2012JGRA...117.9106D ADS
- Sokol, J. M., McComas, D., Bochsler, P., et al., “Survival probabilities of ENAs in the heliosphere”, 2012cosp...39.1855S ADS
- Bzowski, M., Izmodenov, V., McComas, D., et al., “First look at the secondary population of neutral interstellar helium observed by the Interstellar Boundary Explorer”, 2012cosp...39...265B ADS
- Kubiak, M. A., Bzowski, M., Sokol, J. M., et al., “Secondary population of neutral interstellar helium observed by IBEX-Lo: preliminary analysis”, 2012EGUGA...14.8033K ADS

- Sokol, J. M., Kubiak, M. A., Bzowski, M., et al., "Solar wind evolution since 1990 and H ENA ionization rates and survival probabilities in the heliosphere", 2012EGUGA..14.4723S ADS
- Bochsler, P., Petersen, L., Möbius, E., et al., "Estimation of the Neon/Oxygen Abundance Ratio at the Heliospheric Termination Shock and in the Local Interstellar Medium from IBEX Observations", 2012ApJS..198...13B ADS
- Bzowski, M., Kubiak, M. A., Möbius, E., et al., "Neutral Interstellar Helium Parameters Based on IBEX-Lo Observations and Test Particle Calculations", 2012ApJS..198...12B ADS
- Möbius, E., Bochsler, P., Bzowski, M., et al., "Interstellar Gas Flow Parameters Derived from Interstellar Boundary Explorer-Lo Observations in 2009 and 2010: Analytical Analysis", 2012ApJS..198...11M ADS
- Leonard, T., Moebius, E., Bochsler, P. A., et al., "Maximum Likelihood Fitting of the Interstellar Neutral Gas Flow as Observed by IBEX for Comparison with Analytical Modeling", 2011AGUFM23B1958L ADS
- Saul, L. A., McComas, D. J., Wurz, P., et al., "Local Interstellar Neutral Hydrogen sampled in-situ by IBEX", 2011AGUFM23B1957S ADS
- Moebius, E., Bochsler, P. A., Bzowski, M., et al., "Observation of Secondary O in the Interstellar Neutral Gas Flow with the Interstellar Boundary Explorer (IBEX)", 2011AGUFM23B1956M ADS
- Bochsler, P. A., Isenberg, P. A., & Moebius, E., "Monte-Carlo Simulation of Pickup Ion Velocity Distributions in the Inner Heliosphere", 2011AGUFM23B1955B ADS
- Chen, J., Moebius, E., Bochsler, P. A., et al., "Investigation of the Cooling Behavior of Interstellar HE+ Pickup Ions in the Inner Heliosphere", 2011AGUFM23B1954C ADS
- Bzowski, M., Kubiak, M. A., Moebius, E., et al., "New Neutral Interstellar Helium Flow Parameters Based on IBEX-Lo Observations", 2011AGUFM23B1953B ADS
- Bochsler, P., Möbius, E., Kucharek, H., & Wimmer-Schweingruber, R. F., "On the Origin of Inner Source Pickup Ions", 2010AIPC.1302...44B ADS
- Möbius, E., Klecker, B., Bochsler, P., et al., "He Pickup Ions in the Inner Heliosphere-Diagnostics of the Local Interstellar Gas and of Interplanetary Conditions", 2010AIPC.1302...37M ADS
- Kistler, L. M., Galvin, A. B., Popecki, M., et al., "Escape of O+ Through the Distant Tail Plasma Sheet", 2010AGUFM33B1900K ADS
- Guo, Z., Moebius, E., Popecki, M., et al., "Observation of High Iron Charge States over 0.1 to 1 MeV/nucleon in Solar Energetic Particle Events", 2010AGUFM24B..07G ADS
- Moebius, E., Bochsler, P. A., Bzowski, M., et al., "Two Years of Interstellar Flow Observations with the Interstellar Boundary Explorer (IBEX) - Implications on the LIC Parameters and the Boundary (Invited)", 2010AGUFM23D..08M ADS
- Bzowski, M., Kubiak, M. A., Hlond, M., et al., "Flow of neutral interstellar helium into the heliosphere as inferred from IBEX-Lo observations and simulations", 2010AGUFM21A1791B ADS
- Kistler, L. M., Galvin, A. B., Popecki, M. A., et al., "Escape of O through the distant tail plasma sheet", 2010GeoRL..3721101K ADS
- Whittaker, I., Guymer, G., Grande, M., et al., "Venusian bow shock as seen by the ASPERA-4 ion instrument on Venus Express", 2010JGRA..115.9224W ADS
- Bochsler, P. & Möbius, E., "Energetic Neutral Atoms: An Additional Source for Heliospheric Pickup Ions", 2010ApJ...721L...6B ADS
- Vogel, N., Baur, H., Bochsler, P., et al., "New Analyses of Helium, Neon, and Argon in Aluminum Foils of the Apollo Solar Wind Composition Experiment", 2010LPI....41.1907V ADS
- Wimmer-Schweingruber, R. F. & Bochsler, P., "Inner-Source Pickup Ions as Sensitive Probes to the Inner-Heliospheric Micro-State", 2010AIPC.1216..506W ADS
- Liu, Y. C. M., Galvin, A. B., Popecki, M. A., et al., "Proton Enhancement and Decreased O⁶/H at the Heliospheric Current Sheet: Implications for the Origin of Slow Solar Wind", 2010AIPC.1216..363L ADS
- Bochsler, P., Lee, M. A., Karrer, R., et al., "Kinetic temperatures of iron ions in the solar wind observed with STEREO/PLASTIC", 2010AIPC.1216..257B ADS
- Moebius, E., Bochsler, P., Heitzler, D., et al., "Observation of Interstellar Flow through the He Focusing Cone with the Interstellar Boundary Explorer (IBEX): Evidence for a Secondary Neutral Component?", 2010cosp...38.1596M ADS
- Marty, B., Zimmermann, L., Burnard, P. G., et al., "Nitrogen isotopes in the recent solar wind from the analysis of Genesis targets: Evidence for large scale isotope heterogeneity in the early solar system", 2010GeCoA..74..340M ADS
- Frisch, P. C., McComas, D. J., Allegrini, F., et al., "First Global Observations Of The Interstellar Interaction From The Interstellar Boundary Explorer (IBEX)", 2010AAS...21541520F ADS
- Wimmer-Schweingruber, R. F. & Bochsler, P. A., "Inner-Source Pickup Ions as Sensitive Probes to the Inner-Heliospheric Micro-State", 2009AGUFM51C..03W ADS
- Moebius, E., Bochsler, P. A., Bzowski, M., et al., "Direct Observations of Interstellar H, He, and O by the Interstellar Boundary Explorer (Invited)", 2009AGUFM51B..02M ADS
- Saul, L. A., Bochsler, P. A., Bühler, F., et al., "Modeling the local interstellar flow: comparisons to first observations from IBEX", 2009AGUFM51B1511S ADS
- Janzen, P. H., Funsten, H. O., Allegrini, F., et al., "Reflection and Neutralization of Solar Wind Ions from the Moon: IBEX Observations", 2009AGUFM..P31E..05J ADS
- Möbius, E., Bochsler, P., Bzowski, M., et al., "Direct Observations of Interstellar H, He, and O by the Interstellar Boundary Explorer", 2009Sci...326..969M ADS
- McComas, D. J., Allegrini, F., Bochsler, P., et al., "Global Observations of the Interstellar Interaction from the Interstellar Boundary Explorer (IBEX)", 2009Sci...326..959M ADS
- Simunac, K. D. C., Kistler, L. M., Galvin, A. B., et al., "In Situ Observations of Solar Wind Stream Interface Evolution", 2009SoPh..259..323S ADS
- Galvin, A. B., Popecki, M. A., Simunac, K. D. C., et al., "Solar wind ion trends and signatures: STEREO PLASTIC observations approaching solar minimum", 2009AnGeo..27.3909G ADS
- Popecki, M., Galvin, A., Bochsler, P., et al., "The Energy Spectra and Directional Distributions of Suprathermal Tails in Solar Wind Iron", 2009shin.confE..98P ADS
- Barry, J. A., Galvin, A., Popecki, M., et al., "Analysis of Suprathermal Events Observed by STEREO/PLASTIC with a Focus on Upstream Events", 2009shin.confE..94B ADS
- Kucharek, H., Klecker, B., Möbius, E., et al., "Pickup Helium at Stream Interfaces and Corotating Interaction Regions.", 2009shin.confE..34K ADS
- Fuselier, S. A., Bochsler, P., Chornay, D., et al., "The IBEX-Lo Sensor", 2009SSRv..146..117F ADS
- Funsten, H. O., Allegrini, F., Bochsler, P., et al., "The Interstellar Boundary Explorer High Energy (IBEX-Hi) Neutral Atom Imager", 2009SSRv..146...75F ADS
- McComas, D. J., Allegrini, F., Bochsler, P., et al., "IBEX-Interstellar Boundary Explorer", 2009SSRv..146...11M ADS
- McComas, D. J., Allegrini, F., Bochsler, P., et al., "Lunar backscatter and neutralization of the solar wind: First observations of neutral atoms from the Moon", 2009GeoRL..3612104M ADS
- Opitz, A., Karrer, R., Wurz, P., et al., "Temporal Evolution of the Solar Wind Bulk Velocity at Solar Minimum by Correlating the STEREO A and B PLASTIC Measurements", 2009SoPh..256..3650 ADS
- Popecki, M. A., Galvin, A., Bochsler, P., et al., "The Energy Spectra of Suprathermal Tails in Solar Wind Iron", 2009AGUSM51B..07P ADS
- Moebius, E., Bochsler, P., Isenberg, P. A., & Saul, L., "Investigation of the Cooling Behavior of Interstellar Pickup Helium and Its Effect on the Determination of Neutral Density Profiles and Ionization Rates", 2009AGUSM51B..04M ADS
- Heber, V. S., Wiens, R. C., Bochsler, P., Wieler, R., & Burnett, D. S., "Fractionation Processes in the Solar Wind Revealed by Noble Gases Collected by Genesis Regime Targets", 2009LPI....40.2503H ADS
- Marty, B., Zimmermann, L., Burnard, P. G., et al., "In Search of Solar Wind Nitrogen in Genesis Material: Further Analysis of a Gold Cross Arm of the Concentrator", 2009LPI....40.1857M ADS
- Grimberg, A., Bühler, F., Wieler, R., & Bochsler, P., "Comparison of Solar Wind Noble Gas Data from Genesis with Apollo/SWC - New Results from Implantation Experiments", 2009LPI....40.1537G ADS
- Bochsler, P., "Composition of matter in the heliosphere", 2009IAUS..257...17B ADS
- Daoudi, H., Blush, L. M., Bochsler, P., et al., "The STEREO/PLASTIC response to solar wind ions (Flight measurements and models)", 2009ASTRA...5...1D ADS
- Liu, Y. C., Galvin, A. B., Simunac, K. D., et al., "Oxygen Observations by STEREO/PLASTIC in the Slow Solar Wind", 2008AGUFM51B1604L ADS
- Popecki, M. A., Galvin, A., Klecker, B., et al., "Suprathermal Tails in Solar Wind Oxygen and Iron", 2008AGUFM51B1672P ADS
- Barry, J. A., Galvin, A. B., Farrugia, C. J., et al., "Analysis of Suprathermal Events Observed by STEREO/PLASTIC", 2008AGUFM51B1671B ADS
- Kucharek, H., Klecker, B., Simunac, K., et al., "Temporal and Spatial Variations of Pickup Ions seen on STEREO/PLASTIC", 2008AGUFM51B1605K ADS
- Opitz, A., Sauvaud, J., Wurz, P., et al., "Temporal and Spatial Variation of the Solar Wind Bulk Properties from STEREO SWEA/PLASTIC by Multi-Spacecraft Analysis", 2008AGUFM51A15650 ADS
- Whittaker, I. C., Grande, M., Guymer, G., et al., "The Effect Of Fast And Slow Solar Wind On The Venusian Upper Atmosphere.", 2008AGUFM.P13B1311W ADS

- Marty, B., Zimmermann, L., Burnard, P. G., et al., "Nitrogen Isotopes in the Recent Solar Wind: Further Analysis of Gold-plated Concentrator Frame from Genesis", 2008M&PSA. .43.5281M ADS
- Futaana, Y., Barabash, S., Yamauchi, M., et al., "Mars Express and Venus Express multi-point observations of geoeffective solar flare events in December 2006", 2008P&SS. .56. .873F ADS
- Fedorov, A., Ferrier, C., Sauvaud, J. A., et al., "Comparative analysis of Venus and Mars magnetotails", 2008P&SS. .56. .812F ADS
- Galli, A., Wurz, P., Bochsler, P., et al., "First observation of energetic neutral atoms in the Venus environment", 2008P&SS. .56. .807G ADS
- Coates, A. J., Frahm, R. A., Linder, D. R., et al., "Ionospheric photoelectrons at Venus: Initial observations by ASPERA-4 ELS", 2008P&SS. .56. .802C ADS
- Kallio, E., Zhang, T. L., Barabash, S., et al., "The Venusian induced magnetosphere: A case study of plasma and magnetic field measurements on the Venus Express mission", 2008P&SS. .56. .796K ADS
- Martinez, C., Fränz, M., Woch, J., et al., "Location of the bow shock and ion composition boundaries at Venus-initial determinations from Venus Express ASPERA-4", 2008P&SS. .56. .780M ADS
- Kistler, L. M., Galvin, A. B., Popecki, M. A., et al., "Observations of O+ in the Distant Tail from the STEREO B Spacecraft", 2008AGUSMSM41A. .06K ADS
- Popecki, M., Galvin, A. B., Kistler, L. M., et al., "Suprathermal Tails in Solar Wind Oxygen and Iron", 2008AGUSMSH41A. .13P ADS
- Aschwanden, M. J., Burlaga, L. F., Kaiser, M. L., et al., "Theoretical modeling for the stereo mission", 2008SSRv. .136. .565A ADS
- Galvin, A. B., Kistler, L. M., Popecki, M. A., et al., "The Plasma and Suprathermal Ion Composition (PLASTIC) Investigation on the STEREO Observatories", 2008SSRv. .136. .437G ADS
- Heber, V. S., Baur, H., Bochsler, P., et al., "Helium, Neon, and Argon Isotopic and Elemental Composition of Solar Wind Regimes Collected by Genesis: Implications on Fractionation Processes Upon Solar Wind Formation", 2008LPI. . .39.1779H ADS
- Saul, L., Wurz, P., Moebius, E., & Bochsler, P., "Solar wind transport parameters determined by SOHO/CELIAS observations of interstellar pickup ions", 2008cosp. .37.2746S ADS
- Popecki, M., Galvin, A. B., Bochsler, P., et al., "Suprathermal tails in solar wind oxygen and iron", 2008cosp. .37.2480P ADS
- Grimberg, A., Baur, H., Bühler, F., Bochsler, P., & Wieler, R., "Solar wind helium, neon, and argon isotopic and elemental composition: Data from the metallic glass flown on NASA's Genesis mission", 2008GeCoA. .72. .626G ADS
- Popecki, M., Galvin, A. B., Kistler, L. M., et al., "Solar Wind Charge State Composition Results from PLASTIC", 2007AGUFM52B. .07P ADS
- Klecker, B., Galvin, A. B., Kucharek, H., et al., "Pickup Helium in the Inner Heliosphere: an Overview", 2007AGUFM51B. .01K ADS
- Moebius, E., Kucharek, H., Allegrini, F., et al., "Helium at Interplanetary Discontinuities: ACE STEREO Observations and Simulations", 2007AGUFM533A1089M ADS
- Simunac, K. D., Galvin, A. B., Kistler, L. M., et al., "Probing the 2-D Geometry of CIRs at Solar Minimum: Observations From STEREO", 2007AGUFM533A1084S ADS
- Galvin, A. B., Popecki, M., Kistler, L., et al., "Solar Wind and Suprathermal Ion Populations at the STEREO Spacecraft Approaching Solar Minimum", 2007AGUFM533A1083G ADS
- Barabash, S., Fedorov, A., Sauvaud, J. J., et al., "The loss of ions from Venus through the plasma wake", 2007Natur.450. .650B ADS
- Barabash, S., Sauvaud, J. A., Gunell, H., et al., "The Analyser of Space Plasmas and Energetic Atoms (ASPERA-4) for the Venus Express mission", 2007P&SS. .55.1772B ADS
- Bochsler, P., "Solar abundances of oxygen and neon derived from solar wind observations", 2007A&A. .471. .315B ADS
- Giammanco, C., Bochsler, P., Karrer, R., et al., "Determination of Sulfur Abundance in the Solar Wind", 2007SSRv. .130. .329G ADS
- Karrer, R., Bochsler, P., Giammanco, C., et al., "Nickel Isotopic Composition and Nickel/Iron Ratio in the Solar Wind: Results from SOHO/CELIAS/MTOF", 2007SSRv. .130. .317K ADS
- Grimberg, A., Burnett, D. S., Bochsler, P., Baur, H., & Wieler, R., "Composition of Light Solar Wind Noble Gases in the Bulk Metallic Glass flown on the Genesis Mission", 2007SSRv. .130. .293G ADS
- Simunac, K. D., Galvin, A. B., Kistler, L. A., et al., "Bulk Properties of Solar Wind Protons: Inter-comparison of Observations From STEREO, SOHO, ACE, and WIND", 2007AGUSMSH41A. .10S ADS
- Kistler, L. M., Galvin, A. B., Popecki, M. A., et al., "Observations of Energetic O+ in the Distant Tail Magnetosheath: Results from STEREO/PLASTIC", 2007AGUSMSH34A. .03K ADS
- Klecker, B., Galvin, A. B., Kistler, L. M., et al., "On the Variability of Suprathermal He+: new Results From STEREO and SOHO", 2007AGUSMSH34A. .02K ADS
- Galvin, A. B., Kistler, L. A., Popecki, M. A., et al., "Early Solar Wind Observations from the Plasma and Suprathermal Ion Composition (PLASTIC) Experiments on STEREO", 2007AGUSMSH34A. .01G ADS
- Grimberg, A., Bochsler, P., Baur, H., Buehler, F., & Wieler, R., "Solar Wind Helium, Neon and Argon Isotopic and Elemental Composition: Data from the Metallic Glass flown on NASA's Genesis Mission", 2007AGUSMSH32A. .02G ADS
- Popecki, M., Galvin, A., Kistler, L. M., et al., "Initial Results from STEREO/PLASTIC", 2007AAS. .210.2806P ADS
- Soobiah, Y., Coates, A. J., Linder, D. R., et al., "Erratum to textquotedblleftObservations of magnetic anomaly signatures in Mars Express ASPERA-3 ELS datatextquotedblright [Icarus 182 (2006) 396 405]", 2007Icar. .187. .623S ADS
- Grimberg, A., Baur, H., Burnett, D. S., Bochsler, P., & Wieler, R., "The Depth Distribution of Neon and Argon in the Bulk Metallic Glass Flown on Genesis", 2007LPI. . .38.1270G ADS
- Balsiger, H., Altwegg, K., Bochsler, P., et al., "Rosina Rosetta Orbiter Spectrometer for Ion and Neutral Analysis", 2007SSRv. .128. .745B ADS
- Barabash, S., Lundin, R., Andersson, H., et al., "The Analyzer of Space Plasmas and Energetic Atoms (ASPERA-3) for the Mars Express Mission", in The Mars Plasma Environment, 113 2007tmpe.book. .113B ADS
- Giammanco, C., Bochsler, P., Karrer, R., et al., "Determination of Sulfur Abundance in the Solar Wind", in R. von Steiger, G. Gloeckler, and G. M. Mason (Eds.), The Composition of Matter, Vol. 130, 329 2007coma.book. .329G ADS
- Karrer, R., Bochsler, P., Giammanco, C., et al., "Nickel Isotopic Composition and Nickel/Iron Ratio in the Solar Wind: Results from SOHO/CELIAS/MTOF", in R. von Steiger, G. Gloeckler, and G. M. Mason (Eds.), The Composition of Matter, Vol. 130, 317 2007coma.book. .317K ADS
- Grimberg, A., Burnett, D. S., Bochsler, P., Baur, H., & Wieler, R., "Composition of Light Solar Wind Noble Gases in the Bulk Metallic Glass flown on the Genesis Mission", in R. von Steiger, G. Gloeckler, and G. M. Mason (Eds.), The Composition of Matter, Vol. 130, 293 2007coma.book. .293G ADS
- Bochsler, P., Möbius, E., & Wimmer-Schweingruber, R. F., "Inner Source Pickup Ions: Sputtering Of Small Dust Particles And Charge Exchange Of Solar Wind Ions", 2007ESASP.641E. .47B ADS
- Saul, L., Möbius, E., Isenberg, P., & Bochsler, P., "On Pitch-Angle Scattering Rates of Interstellar Pickup Ions as Determined by in Situ Measurement of Velocity Distributions", 2007ApJ. .655. .672S ADS
- Bochsler, P., "Minor ions in the solar wind", 2007A&ARv. .14. .1B ADS
- Bochsler, P., Moebius, E., & Wimmer-Schweingruber, R. F., "Velocity Distributions, Charge States and Abundances of Inner Source Pickup Ions as Obtained from the Solar Wind Charge Exchange Model", 2006AGUFM5H44A. .04B ADS
- Grimberg, A., Baur, H., Bochsler, P., et al., "Solar Wind Neon from Genesis: Implications for the Lunar Noble Gas Record", 2006Sci. .314.1133G ADS
- Barabash, S., Lundin, R., Andersson, H., et al., "The Analyzer of Space Plasmas and Energetic Atoms (ASPERA-3) for the Mars Express Mission", 2006SSRv. .126. .113B ADS
- Grimberg, A., Bühler, F., Bochsler, P., et al., "Depth-dependant Fractionation of Light Solar Wind Noble Gases in a Genesis Target", 2006M&PSA. .41.5187G ADS
- Bochsler, P., "Solar Neon Abundance Inferred from Apollo Foil Experiments", 2006M&PSA. .41.5043B ADS
- McComas, D. J., Allegrini, F., Bartolone, L., et al., "The interstellar boundary explorer (IBEX): Update at the end of phase B", 2006AIPC. .858. .241M ADS
- Bochsler, P., Auchère, F., & Skoug, R. M., "Helium/Hydrogen Fractionation in the Solar Wind-How Much is Due to Inefficient Coulomb Drag?", 2006ESASP.617E. .28B ADS
- Ipavich, F., Bochsler, P., Paquette, J., & Lasley, S., "Observations of Solar Wind Ni and Fe", 2006ESASP.617E. .18I ADS
- Kallio, E., Barabash, S., Brinkfeldt, K., et al., "Energetic Neutral Atoms (ENA) at Mars: Properties of the hydrogen atoms produced upstream of the martian bow shock and implications for ENA sounding technique around non-magnetized planets", 2006Icar. .182. .448K ADS
- Brinkfeldt, K., Gunell, H., Brandt, P. C. S., et al., "First ENA observations at Mars: Solar-wind ENAs on the nightside", 2006Icar. .182. .439B ADS
- Gunell, H., Brinkfeldt, K., Holmström, M., et al., "First ENA observations at Mars: Charge exchange ENAs produced in the magnetosheath", 2006Icar. .182. .431G ADS
- Futaana, Y., Barabash, S., Grigoriev, A., et al., "First ENA observations at Mars: ENA emissions from the martian upper atmosphere", 2006Icar. .182. .424F ADS
- Futaana, Y., Barabash, S., Grigoriev, A., et al., "First ENA observations at Mars: Subsolar ENA jet", 2006Icar. .182. .413F ADS

- Fränz, M., Winningham, J. D., Dubinin, E., et al., “Plasma intrusion above Mars crustal fields-Mars Express ASPERA-3 observations”, 2006Icar..182..406F ADS
- Soobiah, Y., Coates, A. J., Linder, D. R., et al., “Observations of magnetic anomaly signatures in Mars Express ASPERA-3 ELS data”, 2006Icar..182..396S ADS
- Liemohn, M. W., Frahm, R. A., Winningham, J. D., et al., “Numerical interpretation of high-altitude photoelectron observations”, 2006Icar..182..383L ADS
- Frahm, R. A., Winningham, J. D., Sharber, J. R., et al., “Carbon dioxide photoelectron energy peaks at Mars”, 2006Icar..182..371F ADS
- Winningham, J. D., Frahm, R. A., Sharber, J. R., et al., “Electron oscillations in the induced martian magnetosphere”, 2006Icar..182..360W ADS
- Kallio, E., Fedorov, A., Budnik, E., et al., “Ion escape at Mars: Comparison of a 3-D hybrid simulation with Mars Express IMA/ASPERA-3 measurements”, 2006Icar..182..350K ADS
- Dubinin, E., Winningham, J. D., Fränz, M., et al., “Solar wind plasma protrusion into the martian magnetosphere: ASPERA-3 observations”, 2006Icar..182..343D ADS
- Dubinin, E., Lundin, R., Fränz, M., et al., “Electric fields within the martian magnetosphere and ion extraction: ASPERA-3 observations”, 2006Icar..182..337D ADS
- Fedorov, A., Budnik, E., Sauvaud, J. A., et al., “Structure of the martian wake”, 2006Icar..182..329F ADS
- Carlsson, E., Fedorov, A., Barabash, S., et al., “Mass composition of the escaping plasma at Mars”, 2006Icar..182..320C ADS
- Lundin, R., Winningham, J. D., Barabash, S., et al., “Ionospheric plasma acceleration at Mars: ASPERA-3 results”, 2006Icar..182..308L ADS
- Galli, A., Wurz, P., Barabash, S., et al., “Direct Measurements of Energetic Neutral Hydrogen in the Interplanetary Medium”, 2006ApJ...644.1317G ADS
- Kucharek, H., Moebius, E., Allegrini, F., et al., “On the Acceleration of Helium in the Heliosphere”, 2006AGUSMSH33B..06K ADS
- Grimberg, A., Bühler, F., Burnett, D. S., et al., “Solar Wind Helium and Neon from Metallic Glass Flown on Genesis - Preliminary Bulk and Velocity-Dependent Data”, 2006LPI...37.1782G ADS
- Bochsler, P., Möbius, E., & Wimmer-Schweingruber, R. F., “On the velocity distributions of dust-related inner-source pickup ions”, 2006GeoRL..33.6102B ADS
- Busemann, H., Bühler, F., Grimberg, A., et al., “Interstellar Helium Trapped with the COLLISA Experiment on the MiR Space Station-Improved Isotope Analysis by In Vacuo Etching”, 2006ApJ...639..246B ADS
- Saul, L., Möbius, E., & Bochsler, P., “Pickup ion acceleration in the solar wind observed by SOHO/CELIAS”, 2006cosp...36.3352S ADS
- Bochsler, P., Moebius, E., & Wimmer-Schweingruber, R., “Evolution of the Distributions and Composition of Inner-Source Pickup Ions”, 2006cosp...36.3330B ADS
- Wang, X., Bamert, K., Bochsler, P., et al., “Stream-limited transport of Solar Energetic Particles”, 2006cosp...36.2699W ADS
- Scheer, J. A., Wieser, M., Wurz, P., et al., “Conversion surfaces for neutral particle imaging detectors”, 2006AdSpR..38..664S ADS
- Grimberg, A., Bühler, F., Bochsler, P., et al., “Solar Wind Noble Gases - Preliminary Results from Bulk Metallic Glass Flown on Genesis”, 2005M&PSA..40.5222G ADS
- McComas, D., Allegrini, F., Bartolone, L., et al., “The Interstellar Boundary Explorer (IBEX) Mission”, 2005ESASP.592..689M ADS
- Grimberg, A., Bühler, F., Bochsler, P., et al., “Trapping and Release Data of Artificially Implanted Noble Gases into Metals - Tests for Genesis Targets”, 2005LPI...36.1355G ADS
- Bochsler, P., Agafonov, Y. N., Bühler, F., et al., “³He and ⁴He in the local interstellar gas as observed with the COLLISA foil experiment on the Mir space station”, 2005IAUS..228...77B ADS
- Wang, X., Wurz, P., Bochsler, P., et al., “Effect of Coronal Mass Ejection Interactions on the SOHO/CELIAS/MTOF Measurements”, 2005IAUS..226..409W ADS
- Blush, L. M., Allegrini, F., Bochsler, P., et al., “Development and calibration of major components for the STEREO/PLASTIC (plasma and suprathermal ion composition) instrument”, 2005AdSpR..36.1544B ADS
- Bochsler, P. & von Steiger, R., “Inferences for Isotopic Fractionation Processes in the Solar Wind Using the Full Solar Cycle Record of Abundances from Ulysses: Anticipating Results from the Genesis Mission”, 2004ESASP.575..372B ADS
- Möbius, E., Kucharek, H., Popecki, M., et al., “Are Inner Source Pickup Ions further Accelerated in Interplanetary Space?”, 2004AGUFMSH43B..07M ADS
- Wimmer-Schweingruber, R. F., Bochsler, P., Wurz, P., et al., “Variability of the Nitrogen Abundance in the Solar Wind and Implications for Past Solar Activity”, 2004AGUFMSH33B..01W ADS
- Kucharek, H., Moebius, E., Lu, Y., et al., “Enhancements of He at Interplanetary Disturbances: A Survey”, 2004AGUFMSH31A1149K ADS
- Blush, L. M., Bochsler, P., Daoudi, H., et al., “The Plasma and Suprathermal Ion Composition (PLASTIC) Instrument: Final Diagnostic Development Phase for the STEREO Mission”, 2004AGUFMSH21B0410B ADS
- Wiens, R. C., Bochsler, P., Burnett, D. S., & Wimmer-Schweingruber, R. F., “Solar and solar wind isotopic compositions”, 2004E&PSL.226..549W ADS
- Wiens, R. C., Bochsler, P., Burnett, D. S., & Wimmer-Schweingruber, R. F., “Erratum to textquotedblleftSolar and solar-wind isotopic compositionstextquotedblright [Earth Planet. Sci. Lett. 224 (2004) 697-712]”, 2004E&PSL.226..547W ADS
- Lundin, R., Barabash, S., Andersson, H., et al., “Solar Wind-Induced Atmospheric Erosion at Mars: First Results from ASPERA-3 on Mars Express”, 2004Sci...305.1933L ADS
- McComas, D., Allegrini, F., Bochsler, P., et al., “The Interstellar Boundary Explorer (IBEX)”, 2004AIPC..719..162M ADS
- Busemann, H., Bühler, F., Agafonov, Y. N., et al., “Noble Gases from the Interstellar Medium Trapped on the MiR Space Station and Analyzed by In Vacuo Etching”, 2004M&PSA..39.5170B ADS
- Barabash, S., Lundin, R., Andersson, H., et al., “ASPERA-3: analyser of space plasmas and energetic ions for Mars Express”, 2004ESASP1240..121B ADS
- Opitz, A., Karrer, R., Bochsler, P., et al., “STEREO mission: overview, the plasma instrument, calibrations and data”, 2004PADEU..14...350 ADS
- Wiens, R. C., Bochsler, P., Burnett, D. S., & Wimmer-Schweingruber, R. F., “Solar and solar-wind isotopic compositions”, 2004E&PSL.222..697W ADS
- McComas, D. J., Allegrini, F., Bochsler, P., et al., “The Interstellar Boundary Explorer (IBEX)”, 2004AGUSMSH13A..02M ADS
- Grimberg, A., Bühler, F., Bochsler, P., Baur, H., & Wieler, R., “Artificial Implantation of Noble Gases on Genesis Targets”, 2004LPI...35.1754G ADS
- Wiens, R. C., Burnett, D. S., McKeegan, K. D., et al., “Solar and Solar-Wind Oxygen Isotopes and the Genesis Mission”, 2004LPI...35.1296W ADS
- Saul, L., Möbius, E., Smith, C. W., et al., “Observational evidence of pitch angle isotropization by IMF waves”, 2004GeoRL..31.5811S ADS
- Scheer, J. A., Wieser, M., Wurz, P., et al., “Conversion Surfaces for Neutral Particle Detectors”, 2004cosp...35.3945S ADS
- Kucharek, H., Moebius, E., Li, W., et al., “Injection and acceleration of interstellar helium at interplanetary shocks”, 2004cosp...35.3226K ADS
- Wimmer-Schweingruber, R. F., Bochsler, P., Wurz, P., et al., “Variability of N/O in the Solar Wind: ACE/SWIMS”, 2004cosp...35.2887W ADS
- Wurz, P., Wang, X., Bochsler, P., et al., “ICMEs with unusual, mass-fractionated composition”, 2004cosp...35..257W ADS
- Wimmer-Schweingruber, R. F., Bochsler, P., Wurz, P., et al., “Variability of N/O in the Solar Wind”, 2003AGUFMSH41B0468W ADS
- Kucharek, H., Möbius, E., Li, W., et al., “On the source and acceleration of energetic He: A long-term observation with ACE/SEPICA”, 2003JGRA..108.8040K ADS
- McComas, D. J., Bochsler, P. A., Fisk, L. A., et al., “Interstellar Pathfinder - A Mission to the Inner Edge of the Interstellar Medium”, 2003AIPC..679..834M ADS
- Saul, L., Möbius, E., Litvinenko, Y., et al., “SOHO CTOF Observations of Interstellar He Pickup Ion Enhancements in Solar Wind Compression Regions”, 2003AIPC..679..778S ADS
- Wurz, P., Wimmer-Schweingruber, R. F., Bochsler, P., et al., “Composition of magnetic cloud plasmas during 1997 and 1998”, 2003AIPC..679..685W ADS
- Kucharek, H., Möbius, E., Li, W., et al., “Relative Abundance Variations of Energetic He/He² in CME Related SEP Events”, 2003AIPC..679..648K ADS
- Wimmer-Schweingruber, R. F. & Bochsler, P., “Lunar Soils - An Archive for the Galactic Environment of the Solar System?”, 2003ANS...324...85W ADS
- Wurz, P., Bochsler, P., Paquette, J. A., & Ipavich, F. M., “Elemental Fractionation in the Solar Wind: SOHO Observations and Modelling”, 2003EAEJA...13362W ADS
- Salerno, E., Bühler, F., Bochsler, P., et al., “Measurement of ³He/⁴He in the Local Interstellar Medium: the Collisa Experiment on Mir”, 2003ApJ...585..840S ADS
- Wimmer-Schweingruber, R. F. & Bochsler, P., “On the origin of inner-source pickup ions”, 2003GeoRL..30.1077W ADS
- Wurz, P., Bochsler, P., Paquette, J. A., & Ipavich, F. M., “Calcium Abundance in the Solar Wind”, 2003ApJ...583..489W ADS
- Bochsler, P. & Wimmer-Schweingruber, R. F., “Galactic Evolution of CNONE and the Composition of Heliospheric Particles”, 2003ASPC..304..179B ADS

- Kucharek, H., Moebius, E., Li, W., et al., “ACE/SEPICA Observations of Energetic He Associated With Interplanetary Disturbances at 1AU”, 2002AGUFMSH61A0423K ADS
- Wimmer-Schweingruber, R. F., Gloeckler, G., Bochsler, P., & Zurbuchen, T. H., “The Sulfur Isotopic Composition of the Sun”, 2002AGUFMSH52A0442W ADS
- Zastenker, G. N., Agafonov, Y. N., Eismont, N. A., et al., “Method and Results of Direct Measurement of the Interstellar Neutral Helium Abundance and Isotopic Composition”, 2002CosRe..40..347Z ADS
- McMullin, D. R., Judge, D. L., Phillips, E., et al., “Measuring the ionization rate of in-flowing interstellar helium with the SOHO/CELIAS/SEM”, 2002ESASP.508..489M ADS
- Kucharek, H., Moebius, E., Klecker, B., et al., “Abundance Variations of Energetic He+ at 1AU: ACE/SEPICA Observations”, 2002AGUSMSH22C..08K ADS
- Wimmer-Schweingruber, R. F. & Bochsler, P., “On the Origin of Inner-Source Pickup Ions”, 2002AGUSMSH22C..06W ADS
- Wieser, M., Wurz, P., Bochsler, P., et al., “Test of a Prototype Instrument for the Direct Measurement of the Neutral Interstellar Gas”, 2002AGUSMSH22B..05W ADS
- Livi, S., Gloeckler, G., Bochsler, P., et al., “Interstellar Pathfinder: A Mission to Explore the Inner Edge of the Interstellar Medium”, 2002AGUSMSH22B..04L ADS
- Paquette, J. A., Ipavich, F. M., Lasley, S. E., Bochsler, P., & Wurz, P., “The Relative Abundance of Chromium and Iron in the Solar Wind as Measured With SOHO/CELIAS/MTOF”, 2002AGUSMSH21C..08P ADS
- Zastenker, G. N., Salerno, E., Buehler, F., et al., “Isotopic Composition and Abundance of Interstellar Neutral Helium Based on Direct Measurements”, 2002Ap....45..131Z ADS
- Iseli, M., Küppers, M., Benz, W., & Bochsler, P., “Sungrazing Comets: Properties of Nuclei and in Situ Detectability of Cometary Ions at 1 AU”, 2002Icar..155..350I ADS
- Kucharek, H., Moebius, E., Klecker, B., et al., “A survey of energetic He+/He2+ abundance ratios at 1AU: ACE/SEPICA observations”, 2002cosp...34E1992K ADS
- McMullin, D. R., Judge, D. L., Hilchenbach, M., et al., “In-flight Comparisons of Solar EUV Irradiance Measurements Provided by the CELIAS/SEM on SOHO”, 2002ISSR...2..135M ADS
- Wimmer-Schweingruber, R. F., Allegrini, F., Blush, L., et al., “Using Solar Wind Composition As A Tracer For Solar Processes: Applications For Plastic On Stereo”, 2002EGSGA..27.2220W 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
- Fleck, B., Marsch, E., Antonucci, E., et al., “Solar Orbiter: a high-resolution mission to the sun and inner heliosphere”, 2001SPIE.4498....1F ADS
- Mildner, M., Wurz, P., Scherer, S., et al., “Measurement of neutral atoms and ions in Mercury’s exosphere”, 2001P&SS...49.1655M ADS
- Judge, D. L., McMullin, D. R., Gangopadhyay, P., et al., “Space weather observations using the SOHO CELIAS complement of instruments”, 2001JGR...10629963J ADS
- Weygand, J. M., Ipavich, F. M., Wurz, P., Paquette, J. A., & Bochsler, P., “Determination of the ³⁶Ar/³⁸Ar isotopic abundance ratio of the solar wind using SOHO/CELIAS/MTOF”, 2001GeCoA..65.4589W ADS
- Allegrini, F., Wimmer-Schweingruber, R. F., Galvin, A., et al., “First Investigations for the Entrance System / Energy Analyzer of the PLASTIC Sensor on STEREO”, 2001AGUFMSH31B0716A ADS
- Wimmer-Schweingruber, R. F. & Bochsler, P., “Investigations of the Origin of the ‘Inner Source’ of Heliospheric Pick-up Ions”, 2001AGUFMSH22B0753W ADS
- Klecker, B., Bogdanov, A. T., Hilchenbach, M., et al., “On the Acceleration of Pickup He at 1 AU”, 2001AGUFMSH12C..07K ADS
- Kucharek, H., Moebius, E., Klecker, B., et al., “Abundance Variations of Energetic He+ in CME Related SEP Events”, 2001AGUFMSH12C..04K ADS
- Wimmer-Schweingruber, R. F. & Bochsler, P., “Lunar soils: A long-term archive for the galactic environment of the heliosphere?”, 2001AIPC..598..399W ADS
- Bochsler, P., Wimmer-Schweingruber, R. F., & Wurz, P., “Sun, solar wind, meteorites and interstellar medium: What are the compositional relations?”, 2001AIPC..598..381B ADS
- Salerno, E., Bühler, F., Bochsler, P., et al., “Direct measurement of ³He/⁴He in the LISM with the COLLISA experiment”, 2001AIPC..598..275S ADS
- Wurz, P., Wimmer-Schweingruber, R. F., Issautier, K., et al., “Composition of magnetic cloud plasmas during 1997 and 1998”, 2001AIPC..598..145W ADS
- Ipavich, F. M., Paquette, J. A., Bochsler, P., Lasley, S. E., & Wurz, P., “Solar wind iron isotopic abundances: Results from SOHO/CELIAS/MTOF”, 2001AIPC..598..121I ADS
- Weygand, J. M., Ipavich, F. M., Wurz, P., Paquette, J. A., & Bochsler, P., “Determination of the Ar/Ca solar wind elemental abundance ratio using SOHO/CELIAS/MTOF”, 2001AIPC..598..101W ADS
- Paquette, J. A., Ipavich, F. M., Lasley, S. E., Bochsler, P., & Wurz, P., “The relative abundance of chromium and iron in the solar wind”, 2001AIPC..598..95P ADS
- von Steiger, R., Vial, J. C., Bochsler, P., et al., “Measuring Solar Abundances”, 2001AIPC..598..13V 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
- Marsden, R. G. & Bochsler, P., “Particle and field instruments - report of Payload Splitter Group I”, 2001ESASP.493..143M ADS
- Collier, M. R., Szabo, A., Farrell, W. M., et al., “Reconnection remnants in the magnetic cloud of October 18-19, 1995: A shock, monochromatic wave, heat flux dropout, and energetic ion beam”, 2001JGR...10615985C ADS
- Kucharek, H., Klecker, B., Mäxtparagrabius, E., et al., “Variable abundance of energetic HE+ in CME related SEP events”, 2001ICRC....8.3439K ADS
- Klecker, B., Bogdanov, A. T., Hilchenbach, M., et al., “On the variability of suprathermal He+ ions at 1 AU”, 2001ICRC....8.3100K ADS
- Wimmer-Schweingruber, R. F., Bochsler, P., & Gloeckler, G., “The isotopic composition of oxygen in the fast solar wind: ACE/SWIMS”, 2001GeoRL..28.2763W ADS
- Bochsler, P., “Solar Wind Composition at Solar Maximum”, 2001SSRv...97..113B ADS
- Weygand, J. M., Wurz, P., Bochsler, P., Ipavich, F. M., & Galvin, A. B., “Measurement of the Ar/Ca Abundance Ratio From CELIAS/MTOF in Slow and Fast Solar Wind”, 2001AGUSM..SH62B05W ADS
- Wimmer-Schweingruber, R. F. & Bochsler, P., “Solar and Galactic Composition”, 2001AGUSM..SH52C01W ADS
- Shaw, A. W., Hsieh, K., Hilchenbach, M., et al., “Detection of Energetic Helium Atoms of Heliospheric Origin at 1 AU”, 2001AGUSM..SH22F04S ADS
- Wieser, M., Wurz, P., Bochsler, P., et al., “Test of Neutral to Negative Ion Conversion Surfaces in a Prototype Sensor for Interstellar Neutral Gas Measurement”, 2001AGUSM..SH22F01W ADS
- Marti, A., Schletti, R., Wurz, P., & Bochsler, P., “Calibration facility for solar wind plasma instrumentation”, 2001RScI...72.1354M ADS
- Klecker, B., Bogdanov, A. T., Hilchenbach, M., et al., “On the variability of suprathermal pickup He at 1 AU (Oral papers and posters which were given at the conference, but for which no manuscripts were submitted)”, 2001ohnf.confQ.229K ADS
- Wimmer-Schweingruber, R. F. & Bochsler, P., “A non-solar origin of the ‘SEP’ component in lunar soils”, 2001ohnf.conf..507W ADS
- Hilchenbach, M., Hsieh, K. C., Hovestadt, D., et al., “Energetic neutral hydrogen of heliospheric origin observed with SOHO/CELIAS at 1 AU”, 2001ohnf.conf..273H ADS
- Shaw, A. W., Hsieh, K. C., Hilchenbach, M., et al., “Energetic neutral helium of heliospheric origin at 1 AU”, 2001ohnf.conf..219S 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
- Kucharek, H., Klecker, B., Ipavich, F. M., et al., “Isotopic Fractionation in Slow and Coronal Hole Associated Solar Wind”, 2001IAUS..203..562K ADS
- Wurz, P., Bochsler, P., & Lee, M. A., “Model for the mass fractionation in the January 6, 1997, coronal mass ejection”, 2000JGR...10527239W ADS
- Bochsler, P., “Solar Wind Composition”, in P. Murdin (Ed.), Encyclopedia of Astronomy and Astrophysics, 2303 2000eaa..bookE2303B ADS
- Bühler, F., Bassi, M. L., Bochsler, P., et al., “First Detection of 4He in a Sample of Interstellar Neutral Gas Collected Onboard Mir Station”, 2000Ap&SS.274...19B ADS
- Wimmer-Schweingruber, R. F. & Bochsler, P., “Is there a record of interstellar pick-up ions in lunar soils?”, 2000AIPC..528..270W ADS
- Bochsler, P., Ipavich, F. M., Paquette, J. A., Weygand, J. M., & Wurz, P., “Determination of the abundance of aluminum in the solar wind with SOHO/CELIAS/MTOF”, 2000JGR...10512659B 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
- Hefli, S., Grünwaldt, H., Bochsler, P., & Aellig, M. R., “Oxygen freeze-in temperatures measured with SOHO/CELIAS/CTOF”, 2000JGR...10510527H ADS
- Ho, G. C., Hamilton, D. C., Gloeckler, G., & Bochsler, P., “Enhanced solar wind tenthree superior He² associated with coronal mass ejections”, 2000GeoRL..27..309H ADS
- Bochsler, P., “Abundances and charge states of particles in the solar wind”, 2000RvGeo...38..247B ADS
- Neugebauer, M., Cravens, T. E., Lisse, C. M., et al., “The relation of temporal variations of soft X-ray emission from comet Hyakutake to variations of ion fluxes in the solar wind”, 2000JGR...10520949N ADS

- Bodmer, R. & Bochsler, P., "Influence of Coulomb collisions on isotopic and elemental fractionation in the solar wind acceleration process", 2000JGR...105...47B ADS
- Aellig, M. R., Hefi, S., Grünwaldt, H., et al., "The Fe/O elemental abundance ratio in the solar wind as observed with SOHO CELIAS CTOF", 1999JGR...10424769A ADS
- Möbius, E., Litvinenko, Y., Grünwaldt, H., et al., "Direct evidence of the interstellar gas flow velocity in the pickup ion cut-off as observed with SOHO CELIAS CTOF", 1999GeoRL...26.3181M ADS
- Weygand, J. M., Ipavich, F. M., Wurz, P., Paquette, J. A., & Bochsler, P., "Determination Of The Argon Isotopic Ratio Of The Solar Wind Using SOHO/CELIAS/MTOF", 1999ESASP.446..701W ADS
- Kucharek, H., Ipavich, F. M., Kallenbach, R., et al., "Magnesium Isotopic Abundance In Slow And Coronal Hole Associated Solar Wind: SOHO/CELIAS/MTOF Measurements.", 1999ESASP.446..395K ADS
- Balogh, A., Bothmer, V., Crooker, N. U., et al., "The Solar Origin of Corotating Interaction Regions and Their Formation in the Inner Heliosphere", 1999SSRv...89..141B ADS
- Aellig, M. R., Holweger, H., Bochsler, P., et al., "The Fe/O elemental abundance ratio in the solar wind", 1999AIPC...471..255A ADS
- Wimmer-Schweingruber, R. F., Bochsler, P., & Wurz, P., "Isotopes in the solar wind: New results from ACE, SOHO, and WIND", 1999AIPC...471..147W ADS
- Balogh, A., Bothmer, V., Crooker, N. U., et al., "The Solar Origin of Corotating Interaction Regions and their Formation in the Inner Heliosphere", in A. Balogh, J. T. Gosling, J. R. Jokipii, R. Kallenbach, and H. Kunow (Eds.), Corotating Interaction Regions. Series: Space Sciences Series of ISSI, Vol. 7, 141-178 1999cir...book..141B ADS
- Mason, H. E. & Bochsler, P., "Working Group 4 Report: Composition and Elemental Abundance Variations in the Solar Atmosphere and Solar Wind", 1999SSRv...87..105M ADS
- Wimmer-Schweingruber, R. F., Bochsler, P., Gloeckler, G., et al., "On the bulk isotopic composition of magnesium and silicon during the May 1998 CME: ACE/SWIMS", 1999GeoRL...26..165W ADS
- Gloeckler, G., Fisk, L. A., Hefi, S., et al., "Unusual composition of the solar wind in the 2-3 May 1998 CME observed with SWICS on ACE", 1999GeoRL...26..157G ADS
- Hefi, S., Grünwaldt, H., Ipavich, F. M., et al., "Kinetic properties of solar wind minor ions and protons measured with SOHO/CELIAS", 1998JGR...10329697H ADS
- Kucharek, H., Ipavich, F. M., Kallenbach, R., et al., "Magnesium isotopic composition as observed with the CELIAS/MTOF experiment on the SOHO spacecraft", 1998JGR...10326805K ADS
- Kallenbach, R., Geiss, J., Ipavich, F. M., et al., "Isotopic Composition of Solar Wind Nitrogen: First In Situ Determination with the CELIAS/MTOF Spectrometer on board SOHO", 1998ApJ...507L.185K ADS
- Wimmer-Schweingruber, R. F., Bochsler, P., Kern, O., Gloeckler, G., & Hamilton, D. C., "First determination of the silicon isotopic composition of the solar wind: WIND/MASS results", 1998JGR...10320621W ADS
- Bodmer, R. & Bochsler, P., "The helium isotopic ratio in the solar wind and ion fractionation in the corona by inefficient Coulomb drag", 1998A&A...337..921B ADS
- Aellig, M. R., Grünwaldt, H., Bochsler, P., et al., "Iron freeze-in temperatures measured by SOHO/CELIAS/CTOF", 1998JGR...10317215A ADS
- Ipavich, F. M., Galvin, A. B., Lasley, S. E., et al., "Solar wind measurements with SOHO: The CELIAS/MTOF proton monitor", 1998JGR...10317205I ADS
- Hilchenbach, M., Hsieh, K. C., Hovestadt, D., et al., "Detection of 55-80 keV Hydrogen Atoms of Heliospheric Origin by CELIAS/HSTOF on SOHO", 1998ApJ...503..916H ADS
- Gloeckler, G., Cain, J., Ipavich, F. M., et al., "Investigation of the composition of solar and interstellar matter using solar wind and pickup ion measurements with SWICS and SWIMS on the ACE spacecraft", 1998SSRv...86..497G ADS
- Wurz, P., Ipavich, F. M., Galvin, A. B., et al., "Elemental composition of the January 6, 1997, CME", 1998GeoRL...25.2557W ADS
- Kallenbach, R., Ipavich, F. M., Kucharek, H., et al., "Fractionation of Si, Ne, and Mg Isotopes in the Solar Wind as Measured by Soho/Celias/MTOF", 1998SSRv...85..357K ADS
- Bochsler, P., "Structure of the Solar Wind and Compositional Variations", 1998SSRv...85..291B ADS
- Kallenbach, R., Ipavich, F. M., Bochsler, P., et al., "Isotopic Composition of Solar Wind Calcium: First In Situ Measurement by CELIAS/MTOF on Board SOHO", 1998ApJ...498L..75K ADS
- Hsieh, K. C., Hilchenbach, M., Shaw, A. W., et al., "Energetic Hydrogen Atoms from beyond the Termination of the Solar Wind as Observed by SOHO/CELIAS", 1998APS...APR..M708H ADS
- Kallenbach, R., Ipavich, F. M., Kucharek, H., et al., "Fractionation of Si, Ne, and Mg Isotopes in the Solar Wind as Measured by SOHO/CELIAS/MTOF", 1998sce...conf..357K ADS
- Bochsler, P., "Structure of the Solar Wind and Compositional Variations", 1998sce...conf..291B ADS
- Coplan, M. A., Ogilvie, K. W., A'Hearn, M. F., Bochsler, P., & Geiss, J., "Ion Composition and Upstream Solar Wind Observations at comet Giacobini-Zinner (JGR 92(A1) 1987)", in T. J. Birmingham and A. J. Dressler (Eds.), Comet Encounters, 5 1998coen.book...5C ADS
- Collier, M. R., Hamilton, D. C., Gloeckler, G., et al., "Oxygen 16 to oxygen 18 abundance ratio in the solar wind observed by Wind/MASS", 1998JGR...103...7C ADS
- Aellig, M. R., Wurz, P., Schletti, R., et al., "Surface Ionization with Cesiated Converters for Space Applications", 1998GMS...103..289A ADS
- Smith, A. F., Chornay, D. J., Keller, J. W., et al., "Imaging Low-Energy (keV) Neutral Atoms: Ion-Optical Design", 1998GMS...103..263S ADS
- Wurz, P., Gubler, L., Bochsler, P., & Möbius, E., "Isochronous Mass Spectrometer for Space Plasma Applications", 1998GMS...102..229W ADS
- Bochsler, P., "Scientific Achievements of SOHO: In-situ Solar Wind", 1998ESASP.417...35B ADS
- Balsiger, H., Altwegg, K., Arijis, E., et al., "Rosetta orbiter spectrometer for ion and neutral analysis-rosina", 1998AdSpR...21.1527B ADS
- Kallenbach, R., Ipavich, F. M., Bochsler, P., et al., "Isotopic composition of solar wind neon measured by CELIAS/MTOF on board SOHO", 1997JGR...10226895K ADS
- Wurz, P., Ipavich, F. M., Galvin, A. B., et al., "Elemental Composition Before, During, and After the January 6, 1997 CME Event Measured by CELIAS/SOHO", 1997ESASP.415..395W ADS
- Kern, O., Wimmer-Schweingruber, R. F., Bochsler, P., Gloeckler, G., & Hamilton, D. C., "Determination of Calcium and Silicon Charge States and Elemental Abundances in the Solar Wind with the Mass Instrument on Wind", 1997ESASP.415..345K ADS
- Aellig, M. R., Grünwaldt, H., Bochsler, P., et al., "Solar Wind Minor Ion Charge States Observed with High Time Resolution with SOHO/CELIAS/CTOF", 1997ESASP.415...27A ADS
- Grünwaldt, H., Neugebauer, M., Hilchenbach, M., et al., "Venus tail ray observation near Earth", 1997GeoRL...24.1163G ADS
- Kucharek, H., Ipavich, F. M., Kallenbach, R., et al., "Magnesium Isotope Composition in the Solar Wind as Observed with the MTOF Sensor on the CELIAS Experiment On Board the SOHO Spacecraft", 1997ESASP.404..473K ADS
- Aellig, M. R., Grünwaldt, H., Bochsler, P., et al., "Solar Wind Iron Charge States Observed with High Time Resolution with SOHO/CELIAS/CTOF", 1997ESASP.404..157A ADS
- Bochsler, P., "Particles in the Solar Wind", 1997ESASP.404..113B ADS
- Oetliker, M., Hovestadt, D., Klecker, B., et al., "The Isotopic Composition of Iron in the Solar Wind: First Measurements with the MASS Sensor on the Wind Spacecraft", 1997ApJ...474L..690 ADS
- McNutt, R. L., Gold, R. E., Keath, E. P., et al., "Advanced Solar Probe Experiment Module (AD SOLEM)", 1996SPIE.2804...2M ADS
- Neukomm, R. O. & Bochsler, P., "Diagnoses of Closed Magnetic Structures in the Solar Corona Using Charge States of Helium and of Minor Ions", 1996ApJ...465..462N ADS
- Zurbuchen, T., Bochsler, P., Politano, H., & Pouquet, A., "Test particle study of minor ions in the solar wind", 1996AIPC...382..371Z ADS
- Zurbuchen, T., Zastenker, G., Eiges, P., et al., "Features of small-scale solar wind mass flux fluctuations", 1996AIPC...382..367Z ADS
- Cohen, C. M. S., Galvin, A. B., Hamilton, D. C., et al., "SWICS/Ulysses and MASS/Wind observations of solar wind sulfur charge states", 1996AIPC...382..281C ADS
- Zurbuchen, T., Bochsler, P., & von Steiger, R., "Coronal hole differential rotation rate observed with SWICS/Ulysses", 1996AIPC...382..273Z ADS
- Bochsler, P., Gonin, M., Sheldon, R. B., et al., "Abundance of solar wind magnesium isotopes determined with WIND/MASS", 1996AIPC...382..199B ADS
- Collier, M. R., Hamilton, D. C., Gloeckler, G., Bochsler, P., & Sheldon, R. B., "Neon-20, oxygen-16, and helium-4 densities, temperatures, and suprathermal tails in the solar wind determined with WIND/MASS", 1996GeoRL...23.1191C ADS
- Galvin, A. B., Ipavich, F. M., Gloeckler, G., et al., "Solar Wind Composition: First Results from SOHO and Future Expectations", 1996AAS...188.4905G ADS
- Aellig, M. R., Grünwaldt, H., Hefi, S., et al., "Solar corona diagnostic with solar wind ion charge spectra.", 1996AchPh...69..49A ADS
- Hovestadt, D., Hilchenbach, M., Bürgi, A., et al., "CELIAS - Charge, Element and Isotope Analysis System for SOHO", 1995SoPh...162..441H ADS
- Marsch, E., von Steiger, R., & Bochsler, P., "Elemental fractionation by diffusion in the solar chromosphere.", 1995A&A...301..261M ADS

- Zurbuchen, T., Bochsler, P., Politano, H., & Pouquet, A., "Test particle study of minor ions in solar wind turbulence", 1995sowi.confR..82Z ADS
- Zastenker, G., Eiges, P., Avanos, L., et al., "Some features of the small-scale solar wind fluctuations", 1995sowi.confQ..82Z ADS
- Zurbuchen, T., Bochsler, P., & von Steiger, R., "Dynamic properties of helium ions in the solar wind", 1995sowi.conf...73Z ADS
- Cohen, C. M. S., Galvin, A. B., Hamilton, D. C., et al., "SWICS/Ulysses and MASS/wind observations of solar wind sulfur charge states", 1995sowi.conf...73C ADS
- Gloeckler, G., Galvin, A. B., Ipavich, F. M., et al., "Elemental and charge state composition of the fast solar wind observed with SMS instruments on WIND", 1995sowi.conf...35G ADS
- Bochsler, P., Gonin, M., Sheldon, R. B., et al., "Elemental composition in the slow solar wind measured with the MASS instrument on WIND", 1995sowi.conf...35B ADS
- Bodmer, R., Bochsler, P., Geiss, J., von Steiger, R., & Gloeckler, G., "Solar wind helium isotopic composition from SWICS/ULYSSES", 1995SSRv...72...61B ADS
- Gloeckler, G., Balsiger, H., Bürgi, A., et al., "The Solar Wind and Suprathermal Ion Composition Investigation on the Wind Spacecraft", 1995SSRv...71...79G ADS
- Bodmer, R., Bochsler, P., Geiss, J., von Steiger, R., & Gloeckler, G., "Solar Wind Helium Isotopic Composition from SWICS/Ulysses", 1995h1h.conf...61B ADS
- Hovestadt, D., Bochsler, P., Grünwaldt, H., et al., "The Charge, Element and Isotope Analysis System CELIAS on SOHO", in A. O. Benz and A. Krüger (Eds.), Coronal Magnetic Energy Releases, Vol. 444, 271 1995LNP...444...271H ADS
- Bochsler, P. & Kallenbach, R., "Fractionation of Nitrogen Isotopes in Solar Energetic Particles", 1994Metic..29..653B ADS
- Bochsler, P., "Solar wind composition from the moon", 1994AdSpR...14f.161B ADS
- Ghielmetti, A. G., Shelley, E. G., Fuselier, S. A., et al., "Mass spectrograph for imaging low-energy neutral atoms", 1993SPIE.2008..105G ADS
- Hesse, M., Smith, M. F., Herrero, F. A., et al., "Imaging ion outflow in the high-latitude magnetosphere using low-energy neutral atoms", 1993SPIE.2008...83H ADS
- Smith, M. F., Herrero, F. A., Hesse, M., et al., "High-latitude ion transport and energetic explorer (HI-LITE): a mission to investigate ion outflow from the high-latitude ionosphere", 1993SPIE.2008...40S ADS
- Neukomm, R. & Bochsler, P., "How to detect plasmoids in the solar corona?", 1993AChPh...66..431N ADS
- Gubler, L., Moebius, E., & Bochsler, P., "Development of an isochronous time-of-flight mass spectrometer for determination of space plasma parameters.", 1993AChPh...66..429G ADS
- Bochsler, P. & Moebius, E., "Prospects for future solar-wind missions.", 1993ESASP1157...43B ADS
- Gonin, M., Bürgi, A., Oetliker, M., & Bochsler, P., "Interaction of solar wind ions with thin carbon foils - calibration of time-of-flight spectrometers.", 1992ESASP.348..381G ADS
- Hovestadt, D., Geiss, J., Gloeckler, G., et al., "CELIAS: charge, element and isotope analysis system for the SOHO mission.", 1992ESASP.346..343H ADS
- Bochsler, P., "Minor ions - Tracers for physical processes in the heliosphere", 1992sws.coll..323B ADS
- Kerridge, J. F., Bochsler, P., Eugster, O., & Geiss, J., "Modeling the evolution of N and $^{15}\text{N}/^{14}\text{N}$ in the lunar regolith: mixing models involving two components.", 1992LPSC...22..239K ADS
- Bochsler, P., "Einige neuere Ergebnisse zur Entstehung des Sonnensystems.", 1991Orion..49..224B ADS
- Zastenker, G., Avanos, L., Yermolaev, Y., et al., "Variability of coronal structures and ion components in the solar wind", 1991CzJPh..41.1001Z ADS
- Coplan, M. A., Ogilvie, K. W., Bochsler, P., & Geiss, J., "Erratum - Space-Based Measurements of Elemental Abundances and Their Relation to Solar Abundances", 1991SoPh..132..203C ADS
- Kerridge, J. F., Bochsler, P., Eugster, O., & Geiss, J., "Modelling the Evolution of N and $^{15}\text{N}/^{14}\text{N}$ in the Lunar Regolith", 1991LPI...22..711K ADS
- Geiss, J. & Bochsler, P., "Long-Time Variations in Solar Wind Properties: Possible Causes Versus Observations", 1991suti.conf...98G ADS
- Moebius, E., Bochsler, P., Ghielmetti, A. G., & Hamilton, D. C., "High mass resolution isochronous time-of-flight spectrograph for three-dimensional space plasma measurements", 1990RScI...61.3609M ADS
- Bochsler, P., Geiss, J., & Maeder, A., "The abundance of ^3He in the solar wind - A constraint for models of solar evolution", 1990SoPh..128..203B ADS
- Coplan, M. A., Ogilvie, K. W., Bochsler, P., & Geiss, J., "Space-based measurements of elemental abundances and their relation to solar abundances", 1990SoPh..128..195C ADS
- Bochsler, P. & Bochsler, P., "Book Review: Reviews in modern astronomy I: Cosmic chemistry / Springer, 1988", 1990SoPh..125..209B ADS
- Kerridge, J. F., Bochsler, P., & Geiss, J., "Modelling the evolution of N and $^{15}\text{N}/^{14}\text{N}$ in the lunar regolith", 1989Metic..24..285K ADS
- Ogilvie, K. W., Coplan, M. A., Bochsler, P., & Geiss, J., "Solar Wind Observations with the Ion Composition Instrument Aboard the ISEE-3/ICE Spacecraft", 1989SoPh..124..1670 ADS
- Bochsler, P., "Velocity and abundance of silicon ions in the solar wind", 1989JGR...94.2365B ADS
- Ogilvie, K. W., Coplan, M. A., Bochsler, P., & Geiss, J.: 1989, Solar wind observations with the ion composition instrument aboard the ISEE-3 ICE space-craft 1989STIN...89158520 ADS
- Kerridge, J. F., Bochsler, P., & Geiss, J., "Modelling the Evolution of N and ^{15}N in the Lunar Regolith", 1989LPICo.712..111K ADS
- Bochsler, P. & Geiss, J., "Composition of the solar wind.", 1989GMS...54..133B ADS
- Hovestadt, D., Geiss, J., Gloeckler, G., et al.: 1988, CELIAS: Charge, element and isotope analysis system for SOHO. In ESA, The SOHO Mission. Scientific and Technical Aspects of the Instruments p 69-74 (SEE N90-13302 04-92) 1988sohi.rept..69H ADS
- Schmid, J., Bochsler, P., & Geiss, J., "Abundance of Iron Ions in the Solar Wind", 1988ApJ...329..956S ADS
- Schmid, J., Bochsler, P., & Geiss, J., "Velocity of iron ions in the solar wind", 1987JGR...92.9901S ADS
- Murad, E. & Bochsler, P., "Speculations about the origin of H_2O seen in cometary mass spectra", 1987Natur.326..366M ADS
- Bochsler, P., "Solar wind ion composition.", 1987PhST...18...55B ADS
- Coplan, M. A., Ogilvie, K. W., A'Hearn, M. F., Bochsler, P., & Geiss, J., "Ion composition and upstream solar wind observations at comet Giacobini-Zinner", 1987JGR...92...39C ADS
- Geiss, J., Bochsler, P., Ogilvie, K. W., & Coplan, M. A., "Origin of metal ions in the coma of P/Giacobini-Zinner", 1986A&A...166L...1G ADS
- Ogilvie, K. W., Coplan, M. A., Bochsler, P., & Geiss, J., "Ion Composition Results during the International Cometary Explorer Encounter with Giacobini-Zinner", 1986Sci...232..3740 ADS
- Bochsler, P., Geiss, J., & Kunz, S., "Abundances of carbon, oxygen, and neon in the solar wind during the period from August 1978 to June 1982", 1986SoPh..103..177B ADS
- Geiss, J. & Bochsler, P., "Solar Wind Composition and What We Expect to Learn from Out-of-Ecliptic Measurements", 1986ASSL..123..173G ADS
- Bochsler, P., Geiss, J., & Joos, R., "Kinetic temperatures of heavy ions in the solar wind", 1985JGR...9010779B ADS
- Geiss, J. & Bochsler, P.: 1985, Ion composition in the solar wind in relation to solar abundances, In CNES Isotopic Ratios in the Solar System p 213-228 (SEE N86-33216 24-88) 1985irss.rept..213G ADS
- Coplan, M. A., Ogilvie, K. W., Bochsler, P., & Geiss, J., "Interpretation of ^3He abundance variations in the solar wind", 1984SoPh...93..415C ADS
- Bartholdi, P., Bochsler, P., & Chmielewski, Y.: 1984, Planets, their origin, interior and atmosphere. Fourteenth Advanced Course of the Swiss Society of Astronomy and Astrophysics, held at Saas-Fee, 26 - 31 March 1984. 1984ptoi.book....B ADS
- , "Planets", 1984plan.conf....B ADS
- Bochsler, P.: 1984, Ph.D. thesis, - 1984PhDT.....176B ADS
- Bochsler, P., "Mixed solar wind originating from coronal regions of different temperatures.", 1983NASCP.2280.613B ADS
- Coplan, M. A., Ogilvie, K. W., Bochsler, P., & Geiss, J., "The relative abundance of $^3\text{He}^+$ in the solar wind.", 1983NASCP.2280.591C ADS
- Kunz, S., Bochsler, P., Geiss, J., Ogilvie, K. W., & Coplan, M. A., "Determination of Solar Wind Elemental Abundances from M/q Observations during Three Periods in 1980", 1983SoPh...88..359K ADS
- Coplan, M. A., Ogilvie, K. W., Geiss, J., & Bochsler, P.: 1983, Interpretation of ^3He variations in the solar wind 1983STIN...8413065C ADS
- Bochsler, P., "Isotopic anomalies: early history of the solar system.", 1983EN....14....1B ADS
- Geiss, J. & Bochsler, P., "Nitrogen isotopes in the solar system", 1982GeCoA..46..529G ADS
- Geiss, J. & Bochsler, P., "On the Abundances of Rare Ions in the Solar Wind", 1981sowi.conf..403G ADS
- Ogilvie, K. W., Bochsler, P., Geiss, J., & Coplan, M. A., "Observations of the Velocity Distribution of Solar Wind Ions", 1980JGR...85.60690 ADS
- Ogilvie, K. W., Coplan, M. A., Bochsler, P., & Geiss, J., "Abundance Ratios of $^4\text{He}^+/\text{He}^+$ in the Solar Wind", 1980JGR...85.60210 ADS
- Kunz, S., Bochsler, P., & Geiss, J., "First results from the solar wind spectrometer on the ISEE-C space probe.", 1980AChPh..52..405K ADS
- Ogilvie, K. W., Coplan, M. A., Bochsler, P., & Geiss, J., "Measurement of composition of solar winds using the ISEE-C space probe.", 1979ZaMP...29..7250 ADS
- Stettler, A. & Bochsler, P., "He, Ne and Ar composition in a neutron activated sea-floor basalt glass", 1979GeCoA..43..157S ADS

- Coplan, M. A., Ogilvie, K. W., Bochsler, P. A., & Geiss, J., “*Ion composition experiment (ISEE-C)*”, 1978ITGE...16...185C [ADS](#)
- Bochsler, P., Stettler, A., Bird, J. M., & Weathers, M. S., “*Excess ^3He and ^{21}Ne in josephinite*”, 1978E&PSL...39...67B [ADS](#)
- Bochsler, P. & Geiss, J., “*Solar Abundances of Light Nuclei and Mixing of the Sun*”, 1973SoPh...32...3B [ADS](#)
- Bochsler, P., Eberhardt, P., Geiss, J., et al., “*Tritium in lunar material.*”, 1971Metic...6R.251B [ADS](#)
- Bochsler, P., Eberhardt, P., Geiss, J., et al., “*Tritium in lunar material.*”, 1971LPSC...2.1803B [ADS](#)
- Bochsler, P., Eberhardt, P., Geiss, J., et al., “*Tritium in Lunar Material.*”, 1971LPI...2...224B [ADS](#)
- Bochsler, P., Eberhardt, P., Geiss, J., et al., “*Potassium-argon ages, exposure ages and radiation history of lunar rocks.*”, 1971LPI...2...61B [ADS](#)
- Bochsler, P., Eberhardt, P., Geiss, J., & Grögler, N., “*Rare-Gas Measurements in Separate Mineral Phases of the Otis and Elenovka Chondrites*”, 1969ASSL...12...857B [ADS](#)