

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

- Zethson, T., Johansson, S., Hartman, H., & Gull, T. R., “VizieR Online Data Catalog: eta Car emission spectrum (1700-10400Å) (Zethson+, 2012)”, 2012yCat...35400133Z ADS
- Zethson, T., Johansson, S., Hartman, H., & Gull, T. R., “η Carinae: linelist for the emission spectrum of the Weigelt blobs in the 1700 to 10 400 Å wavelength region”, 2012A&A...540A.133Z ADS
- Hartman, H., Nilsson, H., Hult, S., et al., “VUV oscillator strengths for iron lines of astrophysical importance”, 2008JPhCS.130a2010H ADS
- Castelli, F., Johansson, S., & Hubrig, S., “Unidentified lines in the spectra of two iron overabundant CP stars: are they FeII lines?”, 2008JPhCS.130a2003C ADS
- Aldenius, M. & Johansson, S., “Precision Laboratory UV and IR Wavelengths for Cosmological and Astrophysical Applications”, 2008psa.conf..257A ADS
- Johansson, S. & Letokhov, V., “Possibility of Heterodyne Correlation Interferometry with a Tunable Laser and Absolute Frequency Measurements”, 2008psa.conf..243J ADS
- Johansson, S. & Letokhov, V. S., “Astrophysical lasers and nonlinear optical effects in space”, 2007NewAR...51..443J ADS
- Aldenius, M. & Johansson, S., “Accurate Ritz wavelengths of parity-forbidden [Fe II], [Ti II], and [Cr II] infrared lines of astrophysical interest”, 2007A&A...467..753A ADS
- Aldenius, M., Tanner, J. D., Johansson, S., Lundberg, H., & Ryan, S. G., “Experimental Mg I oscillator strengths and radiative lifetimes for astrophysical applications on metal-poor stars. New data for the Mg I b triplet”, 2007A&A...461..767A ADS
- Ljung, G., Nilsson, H., Asplund, M., & Johansson, S., “New and improved experimental oscillator strengths in Zr II and the solar abundance of zirconium”, 2006A&A...456.1181L ADS
- Aldenius, M., Johansson, S., & Murphy, M. T., “Accurate laboratory ultraviolet wavelengths for quasar absorption-line constraints on varying fundamental constants”, 2006MNRAS.370..444A ADS
- Johansson, S., Hartman, H., & Letokhov, V. S., “Resonance-enhanced two-photon ionization (RETPI) of Si II and an anomalous, variable intensity of the λ1892 Si III] line in the Weigelt blobs of η Carinae”, 2006A&A...452..253J ADS
- Eriksson, M., Johansson, S., & Wahlgren, G. M., “The nature of ultraviolet spectra of AG Pegasi and other symbiotic stars: locations, origins, and excitation mechanisms of emission lines”, 2006A&A...451..157E ADS
- Johansson, S. & Letokhov, V. S., “Astrophysical laser operating in the OI 8446-Å line in the Weigelt blobs of η Carinae”, 2005MNRAS.364..731J ADS
- Eriksson, M., Wahlgren, G. M., & Johansson, S., “Bowen excitation of O III and N III in symbiotic stars”, 2005AAS...207.1302E ADS
- Hartman, H., Schef, P., Lundin, P., et al., “The FERRUM project: experimentally determined metastable lifetimes and transition probabilities for forbidden [TiII] lines observed in η Carinae”, 2005MNRAS.361..206H ADS
- Hartman, H., Damineli, A., Johansson, S., & Letokhov, V. S., “Time variations of the narrow Fe II and H I spectral emission lines from the close vicinity of η Carinae during the spectral event of 2003”, 2005A&A...436..945H ADS
- Johansson, S. & Letokhov, V. S., “Astrophysical Lasers in Optical Fe II Lines in Gas Condensations near η Carinae”, 2005AIPC...770..399J ADS
- Johansson, S., Gull, T. R., Hartman, H., & Letokhov, V. S., “Metastable hydrogen absorption in ejecta close to η Carinae”, 2005A&A...435..183J ADS
- Eriksson, M., Johansson, S., Wahlgren, G. M., et al., “Bowen excitation of N III lines in symbiotic stars”, 2005A&A...434..397E ADS
- Johansson, S. & Letokhov, V. S., “Possibility of measuring the width of narrow Fe II astrophysical laser lines in the vicinity of η Carinae by means of Brown-Twiss-Townes heterodyne correlation interferometry”, 2005NewA...10..361J ADS
- Johansson, S. & Letokhov, V., “Stimulated Amplification under Spatially Non-homogeneous Conditions: An Astrophysical Fe II Laser in the Vicinity of Eta Carinae”, 2005PhST...120..99J ADS
- Hartman, H., Johansson, S., Lundberg, H., et al., “Experimental Oscillator Strengths for Forbidden Lines in Complex Spectra”, 2005PhST...119..40H ADS
- Johansson, S. & Letokhov, V. S., “Astrophysical lasers operating in optical Fe II lines in stellar ejecta of η Carinae”, 2004A&A...428..497J ADS
- Eriksson, M., Veenhuizen, H., Wahlgren, G. M., & Johansson, S., “Fe II fluorescence in symbiotic stars”, 2004RMxAC...21..132E ADS
- Verner, E., Bruhweiler, F., Verner, D., et al., “Fe II Diagnostic Tools for Quasars”, 2004ApJ...611..780V ADS
- Eriksson, M., Johansson, S., & Wahlgren, G. M., “Modeling the wind structure of AG Peg by fitting of C IV and N V resonance doublets”, 2004A&A...422..987E ADS
- Johansson, S. & Letokhov, V. S., “Erratum: “Anomalous Fe II Spectral Effects and High H I Lyα Temperature in Gas Blobs Near η Carinae” [Astron. Lett. 30, 58 (2004)]”, 2004AstL...30..433J ADS
- Johansson, S. & Letokhov, V. S., “The Possibility of Resonance-Enhanced Two-Photon Ionization of Ne and Ar Atoms in Astrophysical Plasmas”, 2004ARep...48..399J ADS
- Hartman, H., Gull, T., Johansson, S., Smith, N., & HST Eta Carinae Treasury Project Team, “Identification of emission lines in the low-ionization strontium filament near Eta Carinae”, 2004A&A...419..215H ADS
- Hartman, H., Gull, T., Johansson, S., Smith, N., & HST Eta Carinae Treasury Project Team, “VizieR Online Data Catalog: Emission lines of Sr filament near eta Car (Hartman+, 2004)”, 2004yCat...34190215H ADS
- Johansson, S. & Letokhov, V. S., “Anomalous Fe II Spectral Effects and High H I Lyα Temperature in Gas Blobs Near η Carinae”, 2004AstL...30...58J ADS
- Johansson, S. & Letokhov, V. S., “Astrophysical Lasers with Radiation Pumping by Accidental Resonance”, 2003PASP...115.1375J ADS
- Wahlgren, G. M., Ivarsson, S., Johansson, S., et al., “Line absorption in the FUSE spectrum of the CP star 17 Com A”, 2003AAS...203.9303W ADS
- Davidson, K., Ishibashi, K., Gull, T. R., et al., “The HST Treasury Project on Eta Carinae”, 2003AAS...203.5805D ADS
- Johansson, S. & Letokhov, V. S., “Anomalous bright UV lines of Fe II as a probe of gas condensations in the vicinity of hot stars”, 2003A&A...412..771J ADS
- Ivarsson, S., Andersen, J., Nordström, B., et al., “Improved oscillator strengths and wavelengths for Os I and Ir I, and new results on early r-process nucleosynthesis”, 2003A&A...409.1141I ADS
- Verner, E., Bruhweiler, F., Verner, D., Johansson, S., & Gull, T., “Revisited Abundance Diagnostics in Quasars: Fe II/Mg II Ratios”, 2003ApJ...592L..59V ADS
- Johansson, S., Litzen, U., Lundberg, H., & Zhang, Z., “Experimental f-Value and Isotopic Structure for the Ni I Line Blended with [O I] at 6300 Å”, 2003ApJ...584L.107J ADS
- Johansson, S. & Letokhov, V. S., “Radiative Cycle with Stimulated Emission from Atoms and Ions in an Astrophysical Plasma”, 2003PhRvL...90a1101J ADS
- Eriksson, M., Johansson, S., & Wahlgren, G. M., “Temporal Variations of Fe II Fluorescence Lines in the Symbiotic Star AG Peg”, 2003ASPC...303..109E ADS
- Wahlgren, G. M. & Johansson, S., “Comments on atomic data for the GAIA spectral region”, 2003ASPC...298..481W ADS
- Hartman, H., Derkach, A., Donnelly, M. P., et al., “The FERRUM Project: Experimental transition probabilities of [Fe II] and astrophysical applications”, 2003A&A...397.1143H ADS
- Verner, E. M., Gull, T. R., Bruhweiler, F., et al., “The Origin of Fe II and [Fe III] Emission Lines in the 4000-10000 Å Range in the BD Weigelt Blobs of η Carinae”, 2002ApJ...581.1154V ADS
- Danks, A. C., Gull, T. R., Vieira, G. L., & Johansson, S., “Properties of the -513 km/s Ejecta in the Spectrum of Eta Carinae”, 2002AAS...201.4905D ADS
- Vieira, G. L., Gull, T. R., Danks, A. C., & Johansson, S., “The -145 km/s Absorption System of Eta Carinae”, 2002AAS...201.4904V ADS
- Pickering, J. C., Donnelly, M. P., Nilsson, H., Hibbert, A., & Johansson, S., “The FERRUM Project: Experimental oscillator strengths of the UV 8 multiplet and other UV transitions from the y⁶P levels of Fe II”, 2002A&A...396..715P ADS
- Johansson, S. & Letokhov, V. S., “Erratum: Successive resonance-enhanced two-photon ionization of elements abundant in nebulae. I. Atoms and ions of C, N, and O”, 2002A&A...395..345J ADS
- Klimov, V., Johansson, S., & Letokhov, V. S., “The origin of the anomalous intensity ratio between very bright UV FeII lines and their satellites in gaseous condensations close to the star eta Carinae”, 2002A&A...385..313K ADS
- Johansson, S., Derkach, A., Donnelly, M. P., et al., “The FERRUM Project: New f-value Data for Fe II and Astrophysical Applications”, 2002PhST...100...71J ADS
- Nilsson, H., Zhang, Z. G., Lundberg, H., Johansson, S., & Nordström, B., “Experimental oscillator strengths in Th II”, 2002A&A...382..368N ADS
- Nilsson, H., Ivarsson, S., Johansson, S., & Lundberg, H., “Experimental oscillator strengths in U II of cosmological interest”, 2002A&A...381.1090N ADS
- Gull, T. R., Hartman, H., Zethson, T., et al., “The Strontium Filament within the Homunculus of Eta Carinae”, 2001AAS...19913501G ADS
- Johansson, S. & Letokhov, V. S., “A model for the origin of the anomalous and very bright UV lines of Fe II in gaseous condensations of the star η Carinae”, 2001A&A...378..266J ADS
- Pickering, J. C., Johansson, S., & Smith, P. L., “The FERRUM project: Branching ratios and atomic transition probabilities of Fe II transitions from the 3d⁶(a³F)4p subconfiguration in the visible to VUV spectral region”, 2001A&A...377..361P ADS

- Johansson, S. & Letokhov, V. S., “Successive resonance-enhanced two-photon ionization of elements abundant in nebulae. I. Atoms and ions of C, N, and O”, 2001A&A...375...319J ADS
- Lundberg, H., Johansson, S., Nilsson, H., & Zhang, Z., “New laboratory lifetime measurements of U II for the uranium cosmochronometer”, 2001A&A...372L...50L ADS
- Karlsson, H., Sikström, C. M., Johansson, S., Li, Z. S., & Lundberg, H., “The FERRUM project: Experimental f -values for $4p$ - $5s$ transitions in Fe II”, 2001A&A...371...360K ADS
- Wahlgren, G. M., Brage, T., Brandt, J. C., et al., “The Bismuth Abundance in the HGMN Stars χ Lupi and HR 7775 and Improved Atomic Data for Selected Transitions of BI I, BI II, and BI III”, 2001ApJ...551...520W ADS
- Hartman, H. & Johansson, S., “Fluorescence Observed in the Ultraviolet Spectrum of RR Telescopii”, 2001ASPC...242...361H ADS
- Eriksson, M., Johansson, S., & Wahlgren, G., “Intensity anomalies in the C IV doublet caused by Fe II fluorescence”, 2001ASPC...242...325E ADS
- Johansson, S. & Letokhov, V., “Mysterious UV Lines of Fe II in the Blob Spectrum of Eta Carinae”, 2001ASPC...242...309J ADS
- Johansson, S., Zethson, T., Hartman, H., & Letokhov, V., “Fluorescence Lines in Eta Carinae and Other Objects”, 2001ASPC...242...297J ADS
- Hartman, H., Zethson, T., Johansson, S., et al., “Identification of Lines in the Strontium Region of Eta Carinae”, 2001ASPC...242...107H ADS
- Zethson, T., Hartman, H., Johansson, S., et al., “Cr II Fluorescence in Eta Carinae due to H Lyman Alpha Pumping”, 2001ASPC...242...97Z ADS
- Pickering, J. C., Thorne, A. P., Murray, J. E., et al., “Accurate laboratory wavelengths of some ultraviolet lines of Cr, Zn and Ni relevant to time variations of the fine structure constant”, 2000MNRAS...319...163P ADS
- Nilsson, H., Sikström, C. M., Li, Z. S., et al., “The FERRUM project: new experimental and theoretical f -values for $4p$ - $4d$ transitions in Fe II applied to HST spectra of chi Lupi”, 2000A&A...362...410N ADS
- Johansson, S., Zethson, T., Hartman, H., et al., “New forbidden and fluorescent Fe III lines identified in HST spectra of eta Carinae”, 2000A&A...361...977J ADS
- Hartman, H. & Johansson, S., “Ultraviolet fluorescence lines of Fe II observed in satellite spectra of the symbiotic star RR Telescopii”, 2000A&A...359...627H ADS
- Gull, T., Zethson, T., Hartman, H., et al., “[S II] Detected in a Nebular Filament Near Eta Carinae”, 2000AAS...196.0508G ADS
- Rostas, F., Smith, P. L., Berrington, K. A., et al., “Commission 14: Atomic and Molecular Data: (Donnees Atomiques et Moleculaires)”, 2000IAUTA...24...380R ADS
- Johansson, S., Lundberg, H., Li, Z., et al., “The FERRUM Project”, 2000IAUJD...1E...20J ADS
- Sikström, C. M., Lundberg, H., Wahlgren, G. M., et al., “New Zr II oscillator strengths and the zirconium conflict in the HgMn star chi LUPi”, 1999A&A...343...297S ADS
- Strid, K., Kalus, G., Johansson, S., et al., “Emission line profiles in the spectrum of psi lon Sgr (poster)”, 1999anot.conf...252S ADS
- Johansson, S. & Zethson, T., “Atomic Physics Aspects on Previously and Newly Identified Iron Lines in the HST Spectrum of η Carinae”, 1999ASPC...179...171J ADS
- Zethson, T., Johansson, S., Davidson, K., et al., “Strange Velocities in the Equatorial Ejecta of η Carinae”, 1999ASPC...179...123Z ADS
- Pickering, J. C., Raassen, A. J. J., Uylings, P. H. M., & Johansson, S., “The Spectrum and Term Analysis of Co II”, 1998ApJS...117...261P ADS
- Brage, T., Proffitt, C. R., Wahlgren, G. M., Leckrone, D. S., & Johansson, S., “Atomic Calculations Inspired by the GHRs - gf -Values, Hyperfine Structure Constants, and Isotope Shifts for Heavy Elements”, 1998ASPC...143...378B ADS
- Lundberg, H., Johansson, S., Litzen, U., Wahlgren, C. M., & Leckrone, D. S., “Oscillator Strengths and the Rhodium Abundance in the HgMn Type Star Chi LUPi”, 1998ASPC...143...343L ADS
- Zethson, T., Johansson, S., Wahlgren, G. M., & Leckrone, D. S., “High-Resolution Observation of B II A1362 in Chi LUPi”, 1998ASPC...143...339Z ADS
- Zethson, T., Johansson, S., Wahlgren, C. M., Pickering, J., & Leckrone, D. S., “The Abundance of CO in the HgMn Star Chi LUPi”, 1998ASPC...143...334Z ADS
- Wahlgren, G. M., Leckrone, D. S., Brage, T., Proffitt, C. R., & Johansson, S., “Very Heavy Elements in the HgMn Star Chi LUPi”, 1998ASPC...143...330W ADS
- Kalus, G., Johansson, S., Wahlgren, G. M., et al., “Abundances and Isotopic Compositions of Singly Ionized Platinum in Chi LUPi and HR 7775”, 1998ASPC...143...326K ADS
- Johansson, S., Leckrone, D. S., & Davidson, K., “The Impact of GHRs on Atomic Physics - A Fruitful Collaboration Between Laboratory and Stellar Spectroscopy”, 1998ASPC...143...155J ADS
- Davidson, K., Zethson, T., Johansson, S., Ishibashi, K., & Ebbets, D., “Strange velocities in the equatorial ejecta of Eta Carinae”, 1997AAS...191.3406D ADS
- Rebull, L., Duncan, D., Johansson, S., et al., “The Boron Isotope Ratio in HD 76932”, 1997AAS...191.1305R ADS
- Askebjerg, P., Barwick, S. W., Bay, R., et al., “Status of the AMANDA and BAIKAL Neutrino Telescopes”, 1997NuPhS...52...256A ADS
- Wahlgren, G. M., Leckrone, D. S., Brage, T., Johansson, S., & Proffitt, C. R., “Defining the chi LUPi Abundance Peak Among the 5d and 6p Elements”, 1996AAS...189.7811W ADS
- Bergeson, S. D., Mullman, K. L., Wickliffe, W. E., et al., “Branching Fractions and Oscillator Strengths for Fe II Transitions from the 3d 6(5D)4p Subconfiguration”, 1996ApJ...464.1044B ADS
- Johansson, S., Davidson, K., Ebbets, D., et al., “Is there a Dichromatic UV Laser in Eta Carinae?”, 1996swhs.conf...361J ADS
- Leckrone, D. S., Johansson, S., Wahlgren, G. M., Proffitt, C. R., & Brage, T., “Stellar chemical abundances with the GHRs”, 1996PhSt...65...110L ADS
- Johansson, S., “Term analysis of a complex spectrum”, 1996PhSt...65...7J ADS
- Wahlgren, G. M. & Johansson, S., “Investigating fluorescence mechanisms in the atmosphere of the cool, supergiant star alpha ORI”, 1996ASPC...109...551W ADS
- Johansson, S. & Leckrone, D. S., “Atomic Data for High Resolution Stellar Spectroscopy: A Review”, 1996ASPC...108...113J ADS
- Schoenfeld, W. G., Chang, E. S., Geller, M., et al., “High excitation Rydberg levels of Fe I from the ATMOS solar spectrum at 2.5 and 7 μ m”, 1995A&A...301...593S ADS
- Johansson, S., Wallerstein, G., Gilroy, K. K., & Jousezadeh, A., “Fluorescence lines of MnII in the red spectrum of η Carinae”, 1995A&A...300...521J ADS
- Miller, T., Beaman, J., Evenson, P. A., et al., “Initial Analysis of Coincident Events Between the SPASE and AMANDA Detectors”, 1995NuPhS...43...245M ADS
- Nave, G., Johansson, S., Learner, R. C. M., Thorne, A. P., & Brault, J. W., “VizieR Online Data Catalog: New multiplet table for FeI (Nave+., 1994)”, 1995yCat...20940221N ADS
- Askebjerg, P., Barwick, S. W., Bergstrom, L., et al., “Optical Properties of the South Pole Ice at Depths Between 0.8 and 1 Kilometer”, 1995Sci...267.1147A ADS
- Miller, T. C., Gaisser, T. K., Hart, S., et al., “SPASE – AMANDA Coincidences At The South Pole”, 1995ICRC...2...768M ADS
- Erlandsson, B., Askebjerg, P., Barwick, S. W., et al., “Measurements of the Absorption Length of the Ice at the South Pole in the Wavelength Interval 410 nm to 610 nm”, 1995ICRC...1.1039E ADS
- Tilav, S., Askebjerg, P., Barwick, S. W., et al., “Indirect Evidence for Long Absorption Lengths in Antarctic Ice”, 1995ICRC...1.1011T ADS
- Askebjerg, P., Barwick, S. W., Bergström, L., et al., “Remote Surveys of AMANDA”, 1995ICRC...1.1009A ADS
- Gray, L., Askebjerg, P., Barwick, S. W., et al., “The Design of a Neutrino Telescope Using Natural Deep Ice as a Particle Detector”, 1995ICRC...1.816G ADS
- Price, P. B., Askebjerg, P., Barwick, S. W., et al., “Optical Properties of South Pole Ice for Neutrino Astrophysics”, 1995ICRC...1.777P ADS
- Mock, P. C., Askebjerg, P., Barwick, S. W., et al., “Status and Capabilities of AMANDA-94”, 1995ICRC...1.758M ADS
- Kalus, G. M., Johansson, S., Thorne, A. P., Leckrone, D. S., & Wahlgren, G. M., “Isotope Shift in Pt II Observed in Laboratory FTS Spectra”, 1995ASPC...81...239K ADS
- Zapadlik, I., Johansson, S., & Litzen, U., “Improved Wavelengths and Extended Analysis of TI II”, 1995ASPC...81...237Z ADS
- Nave, G. & Johansson, S., “Analysis of High-Resolution Laboratory Spectra of Iron and Identification of Fe I Lines in the Solar Spectrum”, 1995ASPC...81...197N ADS
- Johansson, S., “High Resolution Spectroscopy of Singly Ionized Transition Elements”, 1995ASPC...81...151J ADS
- Nave, G., Johansson, S., Learner, R. C. M., Thorne, A. P., & Brault, J. W., “A New Multiplet Table for Fe I”, 1994ApJS...94...221N ADS
- Johansson, S. E., Leckrone, D. S., & Wahlgren, G. M., “UV-spektra från Hubbleteleskopet avslöjar en stjärna i Vargen som lagrar tunga isotoper av mycket tunga grundämnen.”, 1994AtI...27...113J ADS
- Johansson, S., Nave, G., Geller, M., et al., “Analysis of the 3d 64 s(6D)4f-5g Supermultiplet of Fe i in Laboratory and Solar Infrared Spectra”, 1994ApJ...429...419J ADS
- Wahlgren, G. M., Brage, T., Gilliland, R. L., et al., “A glimpse into the post-COSTAR GHRs: detections of As II and Bi II in the UV spectrum of the HgMn star χ Lupi.”, 1994BAAS...26...869W ADS
- Nave, I. G., Johansson, S., Learner, R. C. M., Thorne, A. P., & Brault, J. W., “A New Multiplet Table for Fe”, 1994astro.ph...4049N ADS

- Johansson, S., Nave, G., Geller, M., Sauval, A. J., & Grevesse, N., "Analysis of Very High Excitation Fe I Lines (4f - 5g) in the Solar Infrared Spectrum", 1994IAUS...154..543J [ADS](#)
- Nave, G. & Johansson, S., "Highly-excited levels of Fe I obtained from laboratory and solar Fourier transform and grating spectra. II. Laboratory and solar identifications", 1993A&AS...102..269N [ADS](#)
- Nave, G. & Johansson, S., "VizieR Online Data Catalog: Lab. and solar highly-excited levels of Fe I (Nave+ 1993)", 1993yCat...41020269N [ADS](#)
- Nave, G. & Johansson, S., "Highly-excited levels of Fe I obtained from laboratory and solar Fourier transform and grating spectra. I. Energy levels", 1993A&A...274..961N [ADS](#)
- Johansson, S. & Hamann, F. W., "Fluorescence lines in ultraviolet spectra of stars", 1993PhST...47..157J [ADS](#)
- Leckrone, D. S., Johansson, S., Wahlgren, G. M., & Adelman, S. J., "High resolution UV stellar spectroscopy with the HST/GHRS, challenges and opportunities for atomic physics.", 1993PhST...47..149L [ADS](#)
- Wahlgren, G. M., Leckrone, D. S., Johansson, S., & Rosberg, M., "Using HST / GHRS Echelle Spectra as Templates for IUE Data Analysis", 1993ASPC...44..121W [ADS](#)
- Hamann, F., Ferland, G., & Johansson, S., "Ly Alpha Pumping of Fe II in Quasars and AGN", 1992AAS...181.3512H [ADS](#)
- Bergström, L. & Johansson, S., "Detection of high energy neutrinos in PAN", 1992hena.conf..309B [ADS](#)
- Hamann, F., Ferland, G., & Johansson, S., "Ly α pumping of Fe II in quasars and AGN.", 1992BAAS...24R1174H [ADS](#)
- Hamann, F., Ferland, G., Pradhan, A., & Johansson, S., "Fe II Emission from Quasars and AGN", 1992AAS...179.6315H [ADS](#)
- Hamann, F., Ferland, G., Pradhan, A., & Johansson, S., "Fe II emission from quasars and AGN.", 1991BAAS...23R1424H [ADS](#)
- Johansson, S., "Measuring the Energy of Multi-TeV Muons with a Water Cerenkov Detector", 1991ICRC...4..552J [ADS](#)
- Johansson, S., Nave, G., Learner, R. C. M., & Thorne, A. P., "New Identifications of Highly-Excited Fe I Lines Around 4 μ m in Cool Stars", 1991isrs.conf..189J [ADS](#)
- Johansson, S., Rosberg, M., & Hamann, F., "New Identifications of Highly-Excited Fe I Lines Around 4 μ m in Cool Stars", 1991isrs.conf..107J [ADS](#)
- Johansson, S., "High Resolution Atomic Spectroscopy in the Infrared and its Application to Astrophysics", 1991isrs.conf..87J [ADS](#)
- Bruhweiler, F., Feibelman, W. A., & Johansson, S., "The Fe II Fluorescence Emission in UV Spectra of Symbiotics and Nuclei of Planetary Nebulae", 1990BAAS...22R1205B [ADS](#)
- Gimenez, A., Gonzalez-Riestra, R., Guinan, E. F., et al., "Gas dynamics, accretion and evolution of Algols: initial results for three representative systems", 1990ESASP.310..383G [ADS](#)
- Baschek, B. & Johansson, S., "Fe II lines from laboratory and astrophysical sources.", 1990JQSRT...44..215B [ADS](#)
- Leckrone, D. S., Johansson, S., Kurucz, R. L., & Adelman, S. J., "High Resolution Ultraviolet Stellar Spectroscopy From Space Observatories - Atomic Physics and Astrophysics", 1989BAAS...21.1198L [ADS](#)
- Johansson, S. & Cowley, C. R., "Complex atoms in astrophysical spectra.", 1988JOSAB...5.2264J [ADS](#)
- Brown, C. M., Ginter, M. L., Johansson, S., & Tilford, S. G., "Absorption spectra of Fe I in the 1550 - 3215-Å region.", 1988JOSAB...5.2125B [ADS](#)
- Johansson, S., "Future Laboratory Work in FeII", 1988ASSL..138..313J [ADS](#)
- Adam, J., Baschek, B., Brage, T., Nilsson, A. E., & Johansson, S., "Doubly Excited FeII Lines in the A-Star 21-PEGAS1", 1988ASSL..138..243A [ADS](#)
- Brage, T., Nilsson, A. E., Johansson, S., Baschek, B., & Adams, J., "Accidental Degeneracy Between Doubly Excited States in FeII", 1988ASSL..138..63B [ADS](#)
- Johansson, S., "On regularities in complex spectra of iron group elements and their dominance in stellar spectra", 1987PhyS...36..99J [ADS](#)
- Adam, J., Baschek, B., Johansson, S., Nilsson, A. E., & Brage, T., "Ultraviolet Doubly Excited Fe II Lines in the Laboratory and in the A-Type Star 21 Pegasi", 1987ApJ...312..337A [ADS](#)
- Forsberg, P., Johansson, S., & Smith, P. L., "The absorption spectrum of titanium between 1900 Å and 2315 Å", 1986PhyS...34..759F [ADS](#)
- Johansson, S. & Cowley, C. R., "The identification of high-level transitions of Fe II in stellar spectra.", 1984A&A...139..243J [ADS](#)
- Johansson, S. & Jordan, C., "Selective excitation of Fe II in the laboratory and late-type stellar atmospheres.", 1984MNRAS.210..239J [ADS](#)
- Johansson, S., "New Fe II lines in IUE spectra of stars.", 1984ESASP.218..307J [ADS](#)
- Jordan, C., Judge, P., & Johansson, S., "Ultraviolet Spectroscopy of Cool Stars from IUE (invited Paper)", 1984uxsa.col1...51J [ADS](#)
- Johansson, S., "A comparison between the observed and predicted Fe II spectrum in different plasmas.", 1984PhST...8...63J [ADS](#)
- Johansson, S., "Strong Fe II fluorescence lines in RR Tel and V1016 Cyg excited by C IV in a Bowen mechanism.", 1983MNRAS.205P..71J [ADS](#)
- Johansson, S., "Two CR II multiplets around 1430 Å appearing in absorption in the spectrum of a solar active region", 1982MNRAS.201P..63J [ADS](#)
- Johansson, S., "Atomic Spectroscopy for Astrophysical Applications", 1981SSRv...29..387J [ADS](#)
- Johansson, S., Litzen, U., Lundin, L., & Mannervik, S., "Beam-foil lifetime measurements of some Fe II energy levels", 1981PhyS...24...30J [ADS](#)
- Johansson, S., "New Spectroscopic Data for the Iron Group Elements", 1981LIACo...23..229J [ADS](#)
- Johansson, S., "Absorption lines in upsilon Sgr identified as high-level transitions of Fe II.", 1978MNRAS.184..593J [ADS](#)
- Johansson, S., "The spectrum and term system of Fe II.", 1978PhyS...18..217J [ADS](#)
- Johansson, S., "New Fe II identifications in the infrared spectrum of Eta Carinae.", 1977MNRAS.178P..17J [ADS](#)
- Johansson, S., Paunonen, M., & Sharma, A., "The Finnish-Swedish laser project", 19751ti.proc..120J [ADS](#)
- Johansson, S. & Litzen, U., "Analysis of 4d-4f transitions in Fe II.", 1974PhyS...10..121J [ADS](#)