

Bibliography from ADS file: pavlenko.bib

September 14, 2022

- Lyubchyk, Y. P., Pavlenko, Y. V., Lyubchyk, O. K., & Jones, H. R. A., “*Bands of NaH lines in spectra of late type stars*”, 2022KFNT...38c..65L [ADS](#)
- Gopka, V. F., Shavrina, A. V., Yushchenko, V. A., et al., “*Analysis of actinium abundances in the atmosphere of Cepheid HIP13962*”, 2022KFNT...38..63G [ADS](#)
- Pavlenko, Y. V., Shubina, O. C., Kulyk, I. V., et al., “*Exocomet activity around the stars at different evolution stages: current issues*”, 2021KFNT...37b..19P [ADS](#)
- Kuznetsov, M. K., Del Burgo, C., Pavlenko, Y. V., & Frith, J., “*VizieR Online Data Catalog: HARPS and X-shooter spectra of Southern M dwarfs (Kuznetsov+ 2019)*”, 2020yCat..18780134K [ADS](#)
- Pavlenko, Y. V., Evans, A., Banerjee, D. P. K., et al., “*Isotopic ratios in the red giant component of the recurrent nova T Coronae Borealis*”, 2020MNRAS.498.4853P [ADS](#)
- Szczerba, R., Hajduk, M., Pavlenko, et al., “*VizieR Online Data Catalog: Post-AGB candidates in LMC and SMC SALT spectra (Szczerba+, 2020)*”, 2020yCat..36410142S [ADS](#)
- Cappetta, M., Saglia, R. P., Birkby, J. L., et al., “*Erratum: The first planet detected in the WTS: an inflated hot-Jupiter in a 3.35 day orbit around a late F-star*”, 2020MNRAS.497..916C [ADS](#)
- Začs, L., Pukštis, K., Sperauskas, J., et al., “*HD 54361: evidence for the status of a low mass TP-AGB star*”, 2020Ap&SS.365..27Z [ADS](#)
- Lodieu, N., Allard, F., Rodrigo, C., et al., “*Metallicity, temperature, and gravity scales of M subdwarfs*”, 2019A&A...628A..61L [ADS](#)
- Lodieu, N., Allard, F., Rodrigo, C., et al., “*VizieR Online Data Catalog: X-shooter spectra of 43 metal-poor M dwarfs (Lodieu+, 2019)*”, 2019yCat..36280061L [ADS](#)
- Pavlenko, Y. V., “*SiO bands in infrared spectra of late spectral stars*”, 2019KFNT...35d..21P [ADS](#)
- Pavlenko, Y. V., Kaminsky, B. M., Jenkins, J. S., et al., “*Masses, oxygen, and carbon abundances in CHEPS dwarf stars*”, 2019A&A...621A.112P [ADS](#)
- Ivanyuk, O., Pavlenko, Y. V., Jenkins, J. S., & Jones, H. R. A., “*Accuracies of abundance determinations in large spectroscopic surveys*”, 2018gbx..confE..18I [ADS](#)
- Pavlenko, Y. V., Kaminsky, B. M., Jenkins, J. S., et al., “*VizieR Online Data Catalog: Carbon and oxygen in 107 dwarf stars (Pavlenko+, 2019)*”, 2018yCat..36210112P [ADS](#)
- Gopka, V. F., Shavrina, A. V., Yushchenko, V. A., et al., “*The analysis of actinium abundance in the atmospheres of three Magellanic Clouds red supergiants stars*”, 2018KFNT...34c..25G [ADS](#)
- Pavlenko, Y., Suárez Mascareño, A., Rebolo, R., et al., “*Flare activity and photospheric analysis of Proxima Centauri*”, 2017A&A...606A..49P [ADS](#)
- Ivanyuk, O. M., Jenkins, J. S., Pavlenko, Y. V., Jones, H. R. A., & Pinfield, D. J., “*VizieR Online Data Catalog: Spectroscopic properties for 107 stars (Ivanyuk+, 2017)*”, 2017yCat..74684151I [ADS](#)
- Jenkins, J. S., Jones, H. R. A., Tuomi, M., et al., “*New planetary systems from the Calan-Hertfordshire Extrasolar Planet Search*”, 2017MNRAS.466..443J [ADS](#)
- Pavlenko, Y. V., “*Determination of abundances in atmospheres of F-, G-, K-dwarfs*”, 2017KFNT...33v..24P [ADS](#)
- Barnes, J., Haswell, C., Jenkins, J., et al., “*Acne at The Bottom Of The Main Sequence*”, 2016csss.confE..10B [ADS](#)
- Lodieu, N., Zapatero Osorio, M. R., Rebolo, R., et al., “*VLT X-Shooter spectroscopy of the nearest brown dwarf binary*”, 2015A&A...581A..73L [ADS](#)
- Birkby, J. L., Cappetta, M., Cruz, P., et al., “*VizieR Online Data Catalog: Ji light curves of WTS-2 (Birkby+, 2014)*”, 2015yCat..74401470B [ADS](#)
- Lodieu, N., Zapatero Osorio, M. R., Rebolo, R., et al., “*VizieR Online Data Catalog: Luhman 16AB X-shooter spectra (Lodieu+, 2015)*”, 2015yCat..35810073L [ADS](#)
- Lodieu, N., Burgasser, A. J., Pavlenko, Y., & Rebolo, R., “*A search for lithium in metal-poor L dwarfs*”, 2015A&A...579A..58L [ADS](#)
- Lodieu, N., Burgasser, A. J., Pavlenko, Y., & Rebolo, R., “*VizieR Online Data Catalog: Spectra of two mid-L subdwarfs (Lodieu+, 2015)*”, 2015yCat..35790058L [ADS](#)
- Rushton, M. T., Woodward, C. E., Helton, L. A., et al., “*Silicate Dust in RS Ophiuchi*”, 2014ASPC..490..249R [ADS](#)
- Cappetta, M., Saglia, R. P., Birkby, J. L., et al., “*Erratum: The first planet detected in the WTS: an inflated hot-Jupiter in a 3.35 d orbit around a late F-star*”, 2014MNRAS.444.3150C [ADS](#)
- Frith, J., Pinfield, D. J., Jones, H. R. A., et al., “*VizieR Online Data Catalog: Catalogue of bright ($K < 9$) M dwarfs (Frith+, 2013)*”, 2014yCat..74352161F [ADS](#)
- Birkby, J. L., Cappetta, M., Cruz, P., et al., “*WTS-2 b: a hot Jupiter orbiting near its tidal destruction radius around a K dwarf*”, 2014MNRAS.440.1470B [ADS](#)
- Kushniruk, I. & Pavlenko, Y. V., “*Abundances in the atmosphere, effective temperature and surface gravity of the subdwarf metal-poor star G 224-58 A*”, 2014yCat..confF..18K [ADS](#)
- Koppenhoefer, J., Saglia, R. P., Fossati, L., et al., “*A hot Jupiter transiting a mid-K dwarf found in the pre-OmegaCam Transit Survey*”, 2013MNRAS.435.3133K [ADS](#)
- Frith, J., Pinfield, D. J., Jones, H. R. A., et al., “*A catalogue of bright ($K < 9$) M dwarfs*”, 2013MNRAS.435.2161F [ADS](#)
- Birkby, J., Nefs, B., Hodgkin, S., et al., “*VizieR Online Data Catalog: Detached M dwarf eclipsing binaries in WTS (Birkby+, 2012)*”, 2013yCat..74261507B [ADS](#)
- Kuznetsov, M. K., Pavlenko, Y. V., & Galvez-Ortiz, M. C., “*The spectroscopic study of M8.5-M9.5 stars and brown dwarfs*”, 2013EPJWC..4704002K [ADS](#)
- Birkby, J. L., Cappetta, M., Cruz, P., et al., “*WTS-2 b: Too close for comfort?*”, 2013EPJWC..4701004B [ADS](#)
- Jenkins, J. S., Jones, H. R. A., Tuomi, M., et al., “*A Hot Uranus Orbiting the Super Metal-rich Star HD 77338 and the Metallicity-Mass Connection*”, 2013ApJ...766..673 [ADS](#)
- Gopka, V., Yushchenko, A., Kovtyukh, V., et al., “*The Abundances of Heavy Elements in Red Supergiants of Magellanic Clouds*”, 20130AP...26..54G [ADS](#)
- Cappetta, M., Saglia, R. P., Birkby, J. L., et al., “*The first planet detected in the WTS: an inflated hot Jupiter in a 3.35 d orbit around a late F star*”, 2012MNRAS.427.1877C [ADS](#)
- Lyubimkov, L. S., Lambert, D. L., Kaminsky, B. M., et al., “*Lithium abundance in atmospheres of F- and G-type supergiants and bright giants*”, 2012MNRAS.427..11L [ADS](#)
- Deshpande, R., Martín, E. L., Montgomery, M. M., et al., “*Intermediate Resolution Near-infrared Spectroscopy of 36 Late M Dwarfs*”, 2012AJ....144..99D [ADS](#)
- Nefs, S. V., Birkby, J. L., Snellen, I. A. G., et al., “*Four ultra-short-period eclipsing M-dwarf binaries in the WFCAM Transit Survey*”, 2012MNRAS.425..950N [ADS](#)
- Girka, V., Girka, I., Pavlenko, I., Girka, O., & Girka, A., “*Coupled azimuthal modes propagating in current-carrying plasma waveguides*”, 2012JPlPh..78..105G [ADS](#)
- Jenkins, J. S., Pavlenko, Y. V., Ivanyuk, O., et al., “*Benchmark cool companions: ages and abundances for the PZ Telescopii system*”, 2012MNRAS.420.3587J [ADS](#)
- Smirnova, O., Začs, L., & Pavlenko, Y. V., “*High-Resolution Spectroscopy of the Cool R CrB Star Candidates V1983 Cyg and V2074 Cyg*”, 2011ASPC..445..177S [ADS](#)
- Girka, V. O., Girka, I. O., Girka, A. V., & Pavlenko, I. V., “*Theory of azimuthal surface waves propagating in non-uniform waveguides*”, 2011JPlPh..77..493G [ADS](#)
- Smirnova, O., Zavcs, L., Pavlenko, Y. V., & Kaminsky, B., “*Spectroscopic Analysis of Cool Galactic R CrB Star Candidates*”, 2011IAUS..280P.340S [ADS](#)
- Blackwell-Whitehead, R., Pavlenko, Y. V., Nave, G., et al., “*Infrared Mn I laboratory oscillator strengths for the study of late type stars and ultracool dwarfs*”, 2011A&A...525A..44B [ADS](#)
- Kuznetsov, M. K., Pavlenko, Y. V., Pinfield, D., & Jones, H., “*Spectral Investigations of CM Dra*”, 20100AP...23..74K [ADS](#)
- Deshpande, R., Martin, E. L., Montgomery, M. M., et al., “*Line Identification And Equivalent Width Measurements Of Atomic Lines In Spectra Of 40 Late M Dwarfs*”, 2010AA...21560604D [ADS](#)
- Jenkins, J. S., Ramsey, L. W., Jones, H. R. A., et al., “*Rotational Velocities for M Dwarfs*”, 2009ApJ...704..975J [ADS](#)
- Pavlenko, Y. V., Evans, A., Duerbeck, H. W., et al., “*Model Atmospheres and Spectra of Peculiar Stars*”, 2008ASPC..401..124P [ADS](#)
- Pinfield, D. J., Birmingham, B., Tamura, M., et al., “*Fifteen new T dwarfs discovered in the UKIDSS Large Area Survey*”, 2008MNRAS.390..304P [ADS](#)
- Pavlenko, Y. V., “*Model Atmospheres and Spectra for Cool Hydrogen-Deficient Stars and Peculiar Giants*”, 2008ASPC..391..65P [ADS](#)
- Jenkins, J. S., Jones, H. R. A., Pavlenko, Y., et al., “*Metallicities and activities of southern stars*”, 2008A&A...485..571J [ADS](#)
- Jenkins, J. S., Jones, H. R. A., Pavlenko, Y., et al., “*VizieR Online Data Catalog: Metallicities & activities of southern stars (Jenkins+, 2008)*”, 2008yCat..34850571J [ADS](#)
- Lyubchik, Y., Jones, H. R. A., Pavlenko, Y. V., et al., “*Spectral analysis of high resolution near-infrared spectra of ultra cool dwarfs*”, 2007A&A...473..257L [ADS](#)
- Lodieu, N., Pinfield, D. J., Leggett, S. K., et al., “*Eight new T4.5-T7.5 dwarfs discovered in the UKIDSS Large Area Survey Data Release 1*”, 2007MNRAS.379.1423L [ADS](#)

- Kendall, T. R., Tamura, M., Tinney, C. G., et al., "Two *T* dwarfs from the UKIDSS early data release", 2007A&A...466..1059K [ADS](#)
- Pavlenko, Y., Kaminsky, B., Lyubchik, Y., & Yakovina, L., "Modelling the Spectrum and SED of V838 Mon", 2007ASPC..363..225P [ADS](#)
- Blackwell-Whitehead, R. J., Lundberg, H., Nave, G., et al., "Experimental *TiI* oscillator strengths and their application to cool star analysis", 2006MNRAS.373.1603B [ADS](#)
- Pavlenko, Y. V., "Theoretical modelling of optical and IR spectra of brown dwarfs and ultracool dwarfs", 2005AN....326..934P [ADS](#)
- Harris, G. J., Tennyson, J., Kaminskiy, B., Pavlenko, Y. V., & Jones, H. R. A., "VizieR Online Data Catalog: Linelist of HCN and HNC (Harris+, 2006)", 2005yCat.6121....0H [ADS](#)
- Jurdana-Sepic, R., Kotnik-Karuza, D., Majlinger, Z., & Pavlenko, Y. V., "Temperatures in the atmosphere of the cool component of CH Cygni", 2004ASPC..318..371J [ADS](#)
- Lyubchik, Y., Jones, H. R. A., Pavlenko, Y. V., et al., "Atomic lines in infrared spectra for ultracool dwarfs", 2004A&A...416..655L [ADS](#)
- Lyubchik, Y., Jones, H. R. A., Pavlenko, Y. V., et al., "VizieR Online Data Catalog: Atomic lines in IR spectra for ultracool dwarfs (Lyubchik+, 2004)", 2004yCat.34160655L [ADS](#)
- Domínguez, I., Abia, C., Straniero, O., Cristallo, S., & Pavlenko, Y. V., "Draco 461, an intrinsic carbon star in a metal poor stellar population: 3rd dredge up and mixing", 2004MmSAI..75..601D [ADS](#)
- Jones, H. R. A., Pavlenko, Y., Viti, S., & Tennyson, J., "A Comparison of Water Vapour Line Lists", 2003csss...12..899J [ADS](#)
- Pavlenko, Y. V., "Model Atmospheres and SEDs of Chemically Peculiar Stars", 2003IAUS..210P.A16P [ADS](#)
- Gopka, V., Yushchenko, A., Musaev, F., et al., "Stellar Abundance Patterns. What is the Possible Level of Completeness Today?", 2003IAUS..210P..E5G [ADS](#)
- Pavlenko, Y. V. & Jones, H. R. A., "Carbon monoxide bands in *M* dwarfs", 2002A&A...396..967P [ADS](#)
- Pavlenko, Y. V. & Geballe, T. R., "Models of infrared spectra of Sakurai's Object (V4334 Sgr) in 1997", 2002A&A...390..621P [ADS](#)
- Pavlenko, Y., "Formation of the Optical Spectra of *L* Dwarfs", 2001udns.conf...33P [ADS](#)
- Niemeyer, J., Pavlenko, Y., Anikin, V., Kolbasin, A., & Serednyi, V., "About Use of Quantum Effects and Fundamental Physical Constants for Elaboration of the Measurement Standards in the Field of Electronic Measurements", 2001pems.conf..341N [ADS](#)
- Pavlenko, Y. V., "Formation of the Optical Spectra of the Coolest *M*- and *L*-dwarfs and Lithium Abundances in their Atmospheres", 2000IAUS..198..454P [ADS](#)
- Abia, C., Pavlenko, Y., & de Laverny, P., "The formation of lithium lines in the atmospheres of super Li-rich AGB stars", 1999A&A...351..273A [ADS](#)
- Yakovina, L. A. & Pavlenko, Y. V., "Ultraviolet NH bands as indicators of nitrogen abundance in the atmospheres of cool stars.", 1998KPCB...14..195Y [ADS](#)
- Abia, C., de Laverny, P., & Pavlenko, Y., "New and accurate Li abundance determinations in super Li-rich AGB stars", 1998IAUS..191P.101A [ADS](#)
- Pavlenko, Y. V., "The Lithium Lines Formation in Brown Dwarf Atmospheres: Molecules, Chromospheres, NLTE", 1998ASPC..134..416P [ADS](#)
- Martin, E. L., Pavlenko, Y., & Rebolo, R., "Common envelope evolution and Li in V471 Tauri.", 1997A&A...326..731M [ADS](#)
- Pavlenko, Y. V., Rebolo, R., Martin, E. L., & García López, R. J., "Formation of lithium lines in very cool dwarfs.", 1995A&A...303..807P [ADS](#)
- Pavlenko, Y. V., "Li I Lines in POP II Dwarf Spectra: NLTE Effects", 1995lea..conf..324P [ADS](#)
- Magazzú, A., Martín, E. L., Rebolo, R., García López, R. J., & Pavlenko, Y. V., "The Behaviour of the Lithium Abundance Along the Pre-Main Sequence", 1995lea..conf..260M [ADS](#)
- Pavlenko, Y. V., "Interpretations of stellar spectra: NLTE effects", 1995MmSAI..66..441P [ADS](#)
- Pavlenko, Y. V., "Interpretations of stellar spectra: NLTE effects", 1995HiA...10..453P [ADS](#)
- Pavlenko, Y. V., "The Statistical Equilibrium of Lithium in the Atmospheres of Dwarfs with Various Metallicities", 1994AZh....71..600P [ADS](#)
- Rebolo, R., García López, R. J., Martin, E. L., et al., "Beryllium abundances in unevolved metal deficient stars.", 1993oeo..conf..149R [ADS](#)
- García López, R. J., Martin, E. L., Rebolo, R., et al., "Beryllium and Lithium abundances in stars with a range of metallicities", 1993ASPC...40..180G [ADS](#)
- Martín, E. L., Rebolo, R., García López, R. J., Magazzú, A., & Pavlenko, Y. V., "Observational patterns of lithium depletion in pre-main sequence stars", 1993ASPC...40..165M [ADS](#)
- Pavlenko, Y. V., "Nonlte Effects and Strong Lii Lines in the Spectra of the *K* Giants HD9746 and HD112127", 1992SvA....36..605P [ADS](#)
- Magazzú, A., Rebolo, R., & Pavlenko, I. V., "Lithium Abundances in Classical and Weak *T* Tauri Stars", 1992ApJ...392..159M [ADS](#)
- Pavlenko, Y. V., "Statistical Equilibrium and the Lii 670.766-NM and 670.791-NM Absorption Lines in the Spectrum of Red Giants - Results", 1991SvA....35..623P [ADS](#)
- Berdygina, S. V., Boyarchuk, M. E., Pavlenko, Y. V., Savanov, I. S., & Shavrina, A. V., "Atmosphere of the K2III-STAR Alpha-Arietis", 1991SvA....35..387B [ADS](#)
- Pavlenko, Y. V., "Statistical Equilibrium and the 670.776-NM and 670.791-NM Lii Absorption Lines in the Spectrum of Red Giants - Procedure", 1991SvA....35..384P [ADS](#)
- Pavlenko, Y. V., "The statistical equilibrium and the 670.776- and 670.791-nm absorption lines of Li I in red-giant spectra - Methodology", 1991AZh....68..776P [ADS](#)
- Pavlenko, Y. V., "Determination of CN and O Abundances in the Atmospheres of Late Type Stars - Extreme Value Problem", 1991SvA....35..212P [ADS](#)
- Boyarchuk, M. E., Pavlenko, Y. V., & Shavrina, A. V., "Li C N and O Abundances and the 12/C/13/C Isotope Ratio in the Atmospheres of the *K* Giants 39-CYgni and Alpha-Arietis", 1991SvA....35..143B [ADS](#)
- Pavlenko, Y. V., "The determination of C, N, and O abundances in late-type star atmospheres - Extremum problem", 1991AZh....68..431P [ADS](#)
- Menchenkova, E. V. & Pavlenko, Y. V., "Spectral Features in the Circumstellar Envelope of the Close Binary System V367-CYgni", 1990SvA....34..489M [ADS](#)
- Menchenkova, E. V. & Pavlenko, Y. V., "The determination of physical parameters of the atmosphere of the primary star of the system V367 Cygni with the method of atmosphere models.", 1989AZh....66..194M [ADS](#)
- Pavlenko, Y. V., "Solution of the NLTE Problem for MG I in Atmosphere of *M* Giants with Chromosphere - Part One - Menzel Coefficients", 1988Afz....28..163P [ADS](#)
- Pavlenko, Y. V., "The Over Ionization of Metals in Atmospheres of *M* Giants", 1983ATsir1267....6P [ADS](#)
- Yakovkin, N. A., Zeldina, M. Y., & Pavlenko, Y. V., "The Curve of Growth and Radiation Diffusion in the Case of a Hydrogen Multilevel Atom in Prominences", 1980BSolD..12..89Y [ADS](#)
- Yakovkin, N. A., Zeldina, M. Y., & Pavlenko, Y. V., "Diffusion of Hydrogen Radiation in Prominences", 1979SvA....23..585Y [ADS](#)