

Bibliography from ADS file: lanz.bib  
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- Heap, S. R., Hubeny, I., Bouret, J. C., Lanz, T., & Brinchmann, J., “Properties of Primitive Galaxies”, 2022arXiv220704553H ADS
- Gotthelf, E., Bogdanov, S., Paerels, F., et al., “High Resolution Spectroscopy of the Unusual Spectral Feature in the Central Compact Object PSR J0821-4300”, 2022HEAD...1911006G ADS
- Groger, J., Paerels, F., Gotthelf, E., et al., “The Photospheric X-ray Spectrum of the Neutron Star in Puppis A”, 2022HEAD...1910107G ADS
- Paerels, F., Groger, J. J., Helfand, D., et al., “The Neutron Star in Puppis A: Atomic Photospheric Spectroscopy at Last?”, 2022HEAD...1910106P ADS
- Hubeny, I., Allende Prieto, C., Osorio, Y., & Lanz, T., “TLUSTY and SYNSPEC Users’s Guide IV: Upgraded Versions 208 and 54”, 2021arXiv210402829H ADS
- Bouret, J. C., Martins, F., Hillier, D. J., et al., “Massive stars in the Small Magellanic Cloud. Evolution, rotation, and surface abundances”, 2021A&A...647A.134B ADS
- Peters, G. J., Lanz, T., Bouret, J., et al., “Supernovae Chemical Yields in Magellanic Cloud Environments”, 2020AAS...23511025P ADS
- de Sá, L., Chièze, J. P., Stehlé, C., et al., “New insight on accretion shocks onto young stellar objects. Chromospheric feedback and radiation transfer”, 2019A&A...630A...84D ADS
- Heap, S., Hull, T., Kendrick, S., et al., “The Probe-class mission concept, Cosmic Evolution Through UV Surveys (CETUS)”, 2019BAAS...51g.159H ADS
- Danchi, W., Arenberg, J., Bartoszyk, A., et al., “Cosmic Evolution Through UV Spectroscopy (CETUS) Probe-Class Mission Concept”, 2019BAAS...51g...84D ADS
- de Sá, L., Stehlé, C., Chièze, J.-P., et al., “Radiation Feedback in Accretion Shocks on Young Stars”, 2019ASPC...519...281D ADS
- Heap, S. R., Hubeny, I., & Lanz, T. M., “Stars and Stellar Black Holes in the Low-metallicity Galaxy I Zw 18”, 2019ASPC...519...267H ADS
- Daflon, S., Bragança, G. A., Lanz, T., et al., “The Radial Oxygen Abundance Gradient from OB Stars in the Outer Galactic Disk”, 2019ASPC...519...213D ADS
- Ibgui, L., Hubeny, I., Lanz, T., et al., “3D Spectral Radiative Transfer and Perspectives for Spectroscopic Diagnostics”, 2019ASPC...519...21I ADS
- , “Radiative Signatures from the Cosmos”, 2019ASPC...519...W ADS
- Moehler, S., Landsman, W. B., Lanz, T., & Miller Bertolami, M. M., “Hot UV-bright stars of galactic globular clusters”, 2019A&A...627A...34M ADS
- Peters, G. J., Bouret, J.-C., Lanz, T., & Proffitt, C. R.: 2019, *The Galactic Abundance Gradient for the Fe Group Elements in Early B Stars*, HST Proposal. Cycle 27, ID. #15869 2019hst..prop15869P ADS
- Moehler, S., Landsman, W. B., Lanz, T., & Miller Bertolami, M. M., “VizieR Online Data Catalog: GC hot UV-bright stars model spectra (Moehler+, 2019)”, 2019yCat...36270034M ADS
- Bragança, G. A., Daflon, S., Lanz, T., et al., “Radial abundance gradients in the outer Galactic disk as traced by main-sequence OB stars”, 2019A&A...625A.120B ADS
- de Sá, L., Chièze, J.-P., Stehlé, C., et al., “New insight on Young Stellar Objects accretion shocks – a claim for NLTE opacities”, 2019arXiv190409156D ADS
- de Sá, L., Stehlé, C., Chièze, J. P., et al., “Modelling the Accretion on Young Stars, Recent Results and Perspectives”, 2019ASSP...55...29D ADS
- Peters, G. J., Lanz, T., Bouret, J.-C., et al., “The Abundances of the Fe Group Elements in AV 304, an Abundance Standard in the Small Magellanic Cloud”, 2018AAS...23231704P ADS
- Marcolino, W. L. F., Bouret, J. C., Lanz, T., Maia, D. S., & Audard, M., “Mid-infrared observations of O-type stars: spectral morphology”, 2017MNRAS.470.2710M ADS
- Hubeny, I. & Lanz, T., “TLUSTY User’s Guide III: Operational Manual”, 2017arXiv170601937H ADS
- Hubeny, I. & Lanz, T., “TLUSTY User’s Guide II: Reference Manual”, 2017arXiv170601935H ADS
- Hubeny, I. & Lanz, T., “A brief introductory guide to TLUSTY and SYNSPEC”, 2017arXiv170601859H ADS
- Khorrami, Z., Vakili, F., Lanz, T., et al., “Towards a Sharper Picture of R136 with SPHERE Extreme Adaptive Optics”, 2017Msngr.168...32K ADS
- Khorrami, Z., Vakili, F., Lanz, T., et al., “Uncrowding R 136 from VLT/SPHERE extreme adaptive optics”, 2017A&A...602A...56K ADS
- Khorrami, Z., Vakili, F., Lanz, T., et al., “VizieR Online Data Catalog: R136 JKs photometry from VLT/SPHERE EAO (Khorrami+, 2017)”, 2017yCat...36020056K ADS
- Jacoby, G. H., De Marco, O., Davies, J., et al., “Masses of the Planetary Nebula Central Stars in the Galactic Globular Cluster System from HST Imaging and Spectroscopy”, 2017ApJ...836...93J ADS
- Lanz, T., Adelman, S. J., Bouret, J.-C., et al.: 2016, *Probing Supernovae Chemical Yields in Low Metallicity Environments with UV Spectroscopy of Magellanic Cloud B-type Stars*, HST Proposal. Cycle 23, ID. #14081 2016hst..prop14081L ADS
- Millour, F., Hron, J., Chiavassa, A., et al., “Grown-up stars physics with MATISSE”, 2016SPIE.9907E..30M ADS
- Matter, A., López, B., Antonelli, P., et al., “An overview of the mid-infrared spectro-interferometer MATISSE: science, concept, and current status”, 2016SPIE.9907E..0AM ADS
- Wolf, S., López, B., Augereau, J.-C., et al., “Science with MATISSE”, 2016SPIE.9907E..35W ADS
- Bouret, J.-C., Hillier, D. J., Depagne, E., et al.: 2016, *Before the Burst: The Properties of Rapidly Rotating, Massive Supergiants*, HST Proposal. Cycle 24, ID. #14683 2016hst..prop14683B ADS
- Proffitt, C. R., Brott, I., Cunha, K., et al.: 2016, *A Definitive Test of Rotational Mixing in Massive Stars*, HST Proposal. Cycle 24, ID. #14673 2016hst..prop14673P ADS
- Khorrami, Z., Lanz, T., Vakili, F., et al., “VLT/SPHERE deep insight of NGC 3603’s core: Segregation or confusion?”, 2016A&A...588L...7K ADS
- Khorrami, Z., Vakili, F., Chesneau, O., & Lanz, T., “The Massive Stars Nursery R136”, 2015EAS...71...331K ADS
- Lagadec, E., Millour, F., & Lanz, T., “Foreword”, 2015EAS...71...1L ADS
- Lanz, T.: 2015, *Probing Supernovae Chemical Yields in Low Metallicity Environments with UV Spectroscopy of Magellanic Cloud B-type Stars*, HST Proposal.id.14081. Cycle 23 2015hst..prop14081L ADS
- Barstow, M., Holberg, J. B., Hubeny, I., Lanz, T., & Sion, E. M.: 2015, *The Wind and Photosphere of the Unique DO White Dwarf RE J0503-289*, HST Proposal. Cycle 6, ID. #6628 2015hst..prop.6628B ADS
- Bouret, J. C., Lanz, T., Hillier, D. J., et al., “No breakdown of the radiatively driven wind theory in low-metallicity environments”, 2015MNRAS.449.1545B ADS
- Bragança, G. A., Lanz, T., Daflon, S., et al., “Non-LTE Abundances in OB stars: Preliminary Results for 5 Stars in the Outer Galactic Disk”, 2015IAUS...307...90B ADS
- López, B., Lagarde, S., Jaffe, W., et al., “An Overview of the MATISSE Instrument - Science, Concept and Current Status”, 2014Msngr.157...5L ADS
- Ibgui, L., de Sá, L., Stehlé, C., et al., “3D Gray Radiative Properties of a Radiation Hydrodynamic Model of a YSO Accretion Shock”, 2014ASPC...488...83I ADS
- Matsakos, T., Chièze, J. P., Stehlé, C., et al., “3D YSO accretion shock simulations: a study of the magnetic, chromospheric and stochastic flow effects”, 2014IAUS...302...66M ADS
- Dessart, L., Gutierrez, C. P., Hamuy, M., et al., “Type II Plateau supernovae as metallicity probes of the Universe”, 2014MNRAS.440.1856D ADS
- Brown, T., Landsman, W., Randall, S., et al., “The Discovery of Pulsating Hot Subdwarfs in NGC 2808”, 2014ASPC...481...29B ADS
- Ibgui, L., Orlando, S., Stehlé, C., et al., “3D Gray Radiative Properties of Accretion Shocks in Young Stellar Objects”, 2014EPJWC...6404005I ADS
- Matsakos, T., Chièze, J. P., Stehlé, C., et al., “3D numerical modeling of YSO accretion shocks”, 2014EPJWC...6404003M ADS
- de Sá, L., Chièze, J.-P., Stehlé, C., et al., “Accretion shock stability on a dynamically heated YSO atmosphere with radiative transfer”, 2014EPJWC...6404002D ADS
- Brown, T. M., Landsman, W. B., Randall, S. K., Sweigart, A. V., & Lanz, T., “The Discovery of Pulsating Hot Subdwarfs in NGC 2808”, 2013ApJ...777L...22B ADS
- Orlando, S., Bonito, R., Argiroffi, C., et al., “Radiative accretion shocks along nonuniform stellar magnetic fields in classical T Tauri stars”, 2013A&A...559A.1270 ADS
- Matsakos, T., Chièze, J. P., Stehlé, C., et al., “YSO accretion shocks: magnetic, chromospheric or stochastic flow effects can suppress fluctuations of X-ray emission”, 2013A&A...557A..69M ADS
- Bouret, J. C., Lanz, T., Martins, F., et al., “Massive stars at low metallicity. Evolution and surface abundances of O dwarfs in the SMC”, 2013A&A...555A...1B ADS
- Lanz, T., Bouret, J. C., Hillier, D. J., Martins, F., & Marcolino, W. L. F., “Wind properties in hot massive stars at low metallicity”, 2013msao.confE...41L ADS
- Ibgui, L., Hubeny, I., Lanz, T., et al., “3D Spectral Radiative Transfer with IRIS: Application to the Simulation of Laboratory Models of Accretion Shocks in Young Stellar Objects”, 2013ASPC...474...66I ADS
- Ibgui, L., Hubeny, I., Lanz, T., & Stehlé, C., “IRIS: a generic three-dimensional radiative transfer code”, 2013A&A...549A.126I ADS
- Ibgui, L., Hubeny, I., Lanz, T., et al., “3D numerical simulations of laboratory models of accretion shocks in young stellar objects”, 2012sf2a.conf...347I ADS

- Ibgui, L., Hubený, I., Lanz, T., & Stehlé, C., “Modeling periodic media with the three-dimensional radiative transfer code IRIS”, 2012sf2a.conf..343I ADS
- de Sá, L., Chièze, J. P., Stehlé, C., et al., “Hydrodynamic modeling of accretion shocks on a star with radiative transport and a chromospheric model”, 2012sf2a.conf..309D ADS
- Lanz, T.: 2012, *The Wind of Massive Stars in Low-Metallicity Galaxies*, HST Proposal ID 12867. Cycle 20 2012hst..prop12867L ADS
- Hillier, D. J., Bouret, J.-C., Lanz, T., & Busche, J. R., “The influence of rotation on optical emission profiles of O stars”, 2012MNRAS.426.1043H ADS
- Bouret, J. C., Hillier, D. J., Lanz, T., & Fullerton, A. W., “Properties of Galactic early-type O-supergiants. A combined FUV-UV and optical analysis”, 2012A&A...544A..67B ADS
- Brown, T. M., Lanz, T., Sweigart, A. V., et al., “Flash Mixing on the White Dwarf Cooling Curve: Spectroscopic Confirmation in NGC 2808”, 2012ApJ...748...85B ADS
- Brown, T. M., Lanz, T., Sweigart, A. V., et al., “New Observational Evidence of Flash Mixing on the White Dwarf Cooling Curve”, 2012ASPC..452...23B ADS
- Cunha, K., Hubený, I., & Lanz, T., “Chemical homogeneity in the Orion Association: Oxygen abundances of B stars”, 2012EPJWC...1908005C ADS
- Ibgui, L., González, M., Stehlé, C., Hubený, I., & Lanz, T., “3D modeling of accretion shocks in young stellar objects : Simulation of laboratory experiments”, 2012EAS...58..149I ADS
- Ibgui, L., Hubený, I., Lanz, T., & Stehlé, C., “SPEC3D: a three-dimensional radiative transfer code for astrophysical and laboratory applications”, 2011sf2a.conf..485I ADS
- Hubený, I. & Lanz, T.: 2011a, *Synspec: General Spectrum Synthesis Program*, Astrophysics Source Code Library, record ascl:1109.022 2011ascl.soft09022H ADS
- Hubený, I. & Lanz, T.: 2011b, *TLUSTY: Stellar Atmospheres, Accretion Disks, and Spectroscopic Diagnostics*, Astrophysics Source Code Library, record ascl:1109.021 2011ascl.soft09021H ADS
- Moehler, S., Dreizler, S., Lanz, T., et al., “VizieR Online Data Catalog: Hot HB stars in  $\omega$  Cen (Moehler+, 2011)”, 2011yCat...35260136M ADS
- Moehler, S., Dreizler, S., Lanz, T., et al., “The hot horizontal-branch stars in  $\omega$  Centauri”, 2011A&A...526A.136M ADS
- Heap, S. R., Hubený, I., Lanz, T., et al., “Hot, Massive Stars in I Zw 18”, 2011BSRSL...80..149H ADS
- Jeffery, E., Brown, T., Dotter, A., et al., “HST/WFC3 Photometry of NGC 2808 and Its Multiple Main Sequences”, 2011AAS...21715212J ADS
- Brown, T. M., Sweigart, A. V., Lanz, T., et al., “The Blue Hook Populations of Massive Globular Clusters”, 2010ApJ...718.1332B ADS
- Dufour, P., Desharnais, S., Wesemael, F., et al., “Multiwavelength Observations of the Hot DB Star PG 0112+104”, 2010ApJ...718..647D ADS
- Manousakis, A., Walter, R., Audard, M., & Lanz, T., “Pulsed Thermal Emission from the Accreting Pulsar XMMU J054134.7-682550”, 2010ASPC..424..138M ADS
- Stehlé, C., González, M., Kozlova, M., et al., “Experimental study of radiative shocks at PALS facility”, 2010LPB...28..253S ADS
- Peters, G. J., Adelman, S. J., Hubený, I., & Lanz, T., “The Determination of the Abundances of the Fe Group Elements in Early B Stars from High Resolution FUV Spectra”, 2010IAUS..265..213P ADS
- Brown, T. M., Sweigart, A. V., Lanz, T., et al., “The Blue Hook Populations of Massive Globular Clusters”, 2010AAS...21542516B ADS
- Stehlé, C., Ciardi, A., Colombier, J. P., et al., “Scaling stellar jets to the laboratory: The power of simulations”, 2009LPB...27..709S ADS
- Peters, G. J., Adelman, S., Hubený, I., & Lanz, T., “Quantitative Analysis of the Spectra of Early B Stars with Ultrasharp Lines”, 2009AAS...21460512P ADS
- Zsargo, J., Hillier, J. D., Bouret, J. C., et al., “On The Importance Of The Interclump Medium For Superionization: O VI Formation In The Wind Of  $\zeta$  Pup.”, 2009AAS...21340815Z ADS
- Peters, G. J., Adelman, S. J., Hubený, I., & Lanz, T., “Quantitative Analysis of the Spectra of Early B Stars with Ultrasharp Lines”, 2009AIPC.1171..345P ADS
- Manousakis, A., Walter, R., Audard, M., & Lanz, T., “Pulsed Thermal Emission from the Accreting Pulsar XMMU J054134.7-682550”, 2009AIPC.1126..325M ADS
- Marcolino, W. L. F., Bouret, J. C., Martins, F., et al., “Analysis of Galactic late-type O dwarfs: more constraints on the weak wind problem”, 2009A&A...498..837M ADS
- Manousakis, A., Walter, R., Audard, M., & Lanz, T., “Pulsed thermal emission from the accreting pulsar XMMU J054134.7-682550”, 2009A&A...498..217M ADS
- Kaastra, J. S., Lanz, T., Hubený, I., & Paerels, F. B. S., “Effective area calibration of the reflection grating spectrometers of XMM-Newton. II. X-ray spectroscopy of DA white dwarfs”, 2009A&A...497..311K ADS
- Hubený, I. & Lanz, T., “Recent Progress in Modeling Stellar Atmospheres”, 2009ASSP...7..211H ADS
- Stehlé, C., González, M., Audit, E., & Lanz, T., “Radiative Shocks in the Context of Young Stellar Objects: A Combined Analysis from Experiments and Simulations”, 2009ASSP...13..359S ADS
- Martayan, C., Frémat, Y., Blomme, R., et al., “The Gaia satellite: a tool for Emission Line Stars and Hot Stars”, 2008sf2a.conf..499M ADS
- Escolano, C., Bouret, J. C., Donati, J. F., et al., “The magnetic field of the supergiant star  $\zeta$  Ori A”, 2008sf2a.conf..465E ADS
- Zsargó, J., Hillier, D. J., Bouret, J. C., et al., “On the Importance of the Interclump Medium for Superionization: O VI Formation in the Wind of  $\zeta$  Puppis”, 2008ApJ...685L.149Z ADS
- Bouret, J. C., Donati, J. F., Martins, F., et al., “The weak magnetic field of the O9.7 supergiant  $\zeta$  Orionis A”, 2008MNRAS.389...75B ADS
- Frémat, Y., Zorec, J., Martayan, C., & Lanz, T., “CNO abundance determination in massive fast rotating stars”, 2008RMxAC...33...53F ADS
- Bouret, J. C., Lanz, T., Frémat, Y., et al., “The spectra of massive stars with Gaia”, 2008RMxAC...33...50B ADS
- Manousakis, A., Walter, R., Audard, M., & Lanz, T., “Pulsed thermal emission in the accreting pulsar HMXB XMMU J054134.7-682550 reveals accretion geometry”, 2008xru.confE..51M ADS
- Lanz, T., Cunha, K., Holtzman, J., & Hubený, I., “Argon Abundances in the Solar Neighborhood: Non-LTE Analysis of Orion Association B-Type Stars”, 2008ApJ...678.1342L ADS
- Bouret, J. C., Lanz, T., Hillier, D. J., & Foellmi, C., “Clumping in O-type Supergiants”, 2008cihw.conf..31B ADS
- Audard, M., Baldovin Saavedra, C., Carmona, A., & Lanz, T.: 2008, *Testing the Evolution of Young Stars with FU Orionis Objects*, Spitzer Proposal ID 50654 2008sptz.prop50654A ADS
- Kaastra, J. S., Lanz, T., Hubený, I., & Paerels, F., “White Dwarf Spectra and Calibration of X-ray Grating Spectrometers”, 2008HEAD...10.0406K ADS
- Kawka, A., Vennes, S., Dupuis, J., Chayer, P., & Lanz, T., “Orbital Parameters and Chemical Composition of Four White Dwarfs in Post-Common-Envelope Binaries”, 2008ApJ...675.1518K ADS
- Lanz, T., Audard, M., & Walter, F., “CAL 83 detected again in X-rays, dimming in optical”, 2008ATel.1438...1L ADS
- Moehler, S., Dreizler, S., Lanz, T., et al., “New Views of the Horizontal Branch in  $\omega$  Centauri”, 2008ASPC..392...47M ADS
- Moehler, S., Dreizler, S., Lanz, T., et al., “The hottest horizontal-branch stars in  $\omega$  Centauri. Late hot flasher vs. helium enrichment”, 2007A&A...475L...5M ADS
- Hunter, I., Dufton, P. L., Smartt, S. J., et al., “VizieR Online Data Catalog: VLT-FLAMES survey of massive stars (Hunter+, 2007)”, 2007yCat...34660277H ADS
- Hunter, I., Dufton, P. L., Smartt, S. J., et al., “The VLT-FLAMES survey of massive stars: surface chemical compositions of B-type stars in the Magellanic Clouds”, 2007A&A...466..277H ADS
- Lanz, T. & Hubený, I., “A Grid of NLTE Line-blanketed Model Atmospheres of Early B-Type Stars”, 2007ApJS...169...83L ADS
- Audard, M., Skinner, S., Guedel, M., et al., “A Mid-Infrared Spitzer Study of the Herbig Be Star R Mon and the Associated HH 39 Herbig-Haro Object”, 2007astro.ph.1906A ADS
- Vennes, S., Chayer, P., Dupuis, J., & Lanz, T., “Iron in Hot DA White Dwarfs”, 2006ApJ...652.1554V ADS
- Leygnac, S., Boireau, L., Michaut, C., et al., “Modeling multidimensional effects in the propagation of radiative shocks”, 2006PhP1...13k3301L ADS
- Lanz, T.: 2006a, *The Origin of CAL 83 X-Ray Off-States*, XMM-Newton Proposal ID 05008601 2006xmm.prop...26L ADS
- Lanz, T.: 2006b, *Supersoft Sources at Low Metallicity: SMC 13*, Chandra Proposal ID 08300667 2006cxo.prop.2120L ADS
- Cottam, J., Paerels, F., Telis, G., et al., “High Resolution Fe Lyman and Balmer Band Spectroscopy of the Bursts in EXO 0748-676”, 2006HEAD...9.0205C ADS
- Najarro, F., Hillier, D. J., Puls, J., Lanz, T., & Martins, F., “On the sensitivity of He I singlet lines to the Fe IV model atom in O stars”, 2006A&A...456..659N ADS
- Cunha, K., Hubený, I., & Lanz, T., “Neon Abundances in B Stars of the Orion Association: Solving the Solar Model Problem?”, 2006ApJ...647L.143C ADS
- Hunter, I., Dufton, P. L., Ryans, R. S. I., et al., “VizieR Online Data Catalog: SMC NGC 346-11 and AV 304 spectra (Hunter+, 2005)”, 2006yCat...34360687H ADS
- Vennes, S., Chayer, P., Dupuis, J., Moos, H. W., & Lanz, T., “Hydrogen Column Density Measurements toward White Dwarfs for D/H Studies”, 2006ASPC..348..460V ADS
- Lanz, T., Holberg, J. B., & Hubený, I., “FUSE Spectroscopy of Hybrid White Dwarfs”, 2006ASPC..348..197L ADS

- Cottam, J., Paerels, F. B. S., Telis, G. A., et al., “High Resolution Fe Lyman and Balmer Band Spectroscopy of the Bursts in EXO 0748-676”, 2006AAS...207.3208C ADS
- Lanz, T., Audard, M., Bouret, J.-C., & Hillier, J.: 2006, *The Density Structure of O Star Winds*, Spitzer Proposal ID 30030 2006sptz.prop30030L ADS
- Heap, S. R., Lanz, T., & Hubeny, I., “Fundamental Properties of O-Type Stars”, 2006ApJ...638..409H ADS
- Bouret, J. C., Lanz, T., & Hillier, D. J., “Lower Mass Loss Rates in O Stars”, 2005AAS...20718223B ADS
- Lanz, T. & Hubeny, I., “Non-LTE Line-Blanketed Model Atmospheres of B-type Stars”, 2005AAS...20718221L ADS
- De Marco, O., Shara, M. M., Zurek, D., et al., “A Spectroscopic Analysis of Blue Stragglers, Horizontal Branch Stars, and Turnoff Stars in Four Globular Clusters”, 2005ApJ...632..894D ADS
- Lanz, T., Audard, M., Paerels, F., & Telis, G. A., “The Supersoft X-Ray Source CAL 83: A Massive White Dwarf”, 2005AIPC...797..313L ADS
- Lanz, T.: 2005, *Characterizing Type Ia Supernova Progenitor Candidates*, Chandra proposal ID 07300359 2005cxo...prop.4038L ADS
- Vennes, S., Chayer, P., Dupuis, J., & Lanz, T., “Lyman Line Spectroscopy of Hot Hydrogen-Rich White Dwarfs Revisited”, 2005ASPC...334..185V ADS
- Bouret, J. C., Lanz, T., & Hillier, D. J., “Lower mass loss rates in O-type stars: Spectral signatures of dense clumps in the wind of two Galactic O4 stars”, 2005A&A...438..301B ADS
- Lanz, T., Audard, M., Hubeny, I., & Paerels, F.: 2005, *Searching for the Donor Star in Close Binary Supersoft Sources*, Spitzer Proposal ID 20130 2005sptz.prop20130L ADS
- Audard, M., Guedel, M., Lanz, T., Paerels, F., & Skinner, S.: 2005, *Shocks and Outflows in Young Massive Stars: The R Mon / HH 39 System*, Spitzer Proposal ID 20034 2005sptz.prop20034A ADS
- Hunter, I., Dufton, P. L., Ryans, R. S. I., et al., “A non-LTE analysis of the spectra of two narrow lined main sequence stars in the SMC”, 2005A&A...436..687H ADS
- Dufton, P. L., Ryans, R. S. I., Trundle, C., et al., “B-type supergiants in the SMC: Chemical compositions and comparison of static and unified models”, 2005A&A...434.1125D ADS
- Dufton, P. L., Ryans, R. S. I., Trundle, C., et al., “VizieR Online Data Catalog: B-type Supergiants in the SMC (Dufton+, 2005)”, 2005yCat...34341125D ADS
- Heap, S. R. & Lanz, T., “Mid-Ultraviolet Spectral Diagnostics of Galaxy Evolution”, 2005mmgf.conf...210H ADS
- Yi, S., Brown, T., Heap, S., et al., “Constraining Galaxy Formation Epoch”, 2005IAUS...201..536Y ADS
- Lanz, T., Telis, G. A., Audard, M., et al., “Non-LTE Model Atmosphere Analysis of the Large Magellanic Cloud Supersoft X-Ray Source CAL 83”, 2005ApJ...619..517L ADS
- De Marco, O., Zurek, D., Ouellette, J. A., et al., “Blue Straggler Stars in 4 Globular Clusters: Masses, Rotation Rates and Disks”, 2004AAS...20515905D ADS
- Telis, G., Paerels, F., Audard, M., et al., “Chandra High Resolution Spectroscopy of the Burst Spectrum of EXO 0748-67”, 2004HEAD...8.2503T ADS
- Lanz, T., Telis, G. A., Audard, M., Paerels, F., & Hubeny, I., “NLTE Analysis of Chandra and XMM-Newton Spectroscopy of CAL 83”, 2004HEAD...8.1703L ADS
- Koesterke, L., Werner, K., Kruk, J. W., & Lanz, T., “NGC 1535 : UV Observations and Models”, 2004ASPC...313..123K ADS
- Rousselet-Perraut, K., Stehlé, C., Lanz, T., et al., “Stellar activity and magnetism studied by optical interferometry”, 2004A&A...422..193R ADS
- Heap, S. R. & Lanz, T., “Effects of Rotation in Low-Metallicity Stars”, 2004IAUS...215..220H ADS
- Sweigart, A. V., Lanz, T., Brown, T. M., Hubeny, I., & Landsman, W. B., “Evidence for Flash Mixing in He-rich sdB Stars”, 2004Ap&SS.291..367S ADS
- De Marco, O., Lanz, T., Ouellette, J. A., Zurek, D., & Shara, M. M., “First Evidence of Circumstellar Disks around Blue Straggler Stars”, 2004ApJ...606L.151D ADS
- Lanz, T., Brown, T. M., Sweigart, A. V., Hubeny, I., & Landsman, W. B., “Flash Mixing on the White Dwarf Cooling Curve: Far Ultraviolet Spectroscopic Explorer Observations of Three He-rich sdB Stars”, 2004ApJ...602..342L ADS
- Heap, S. R., Lindler, D. J., & Lanz, T. M., “STIS Coronagraphic Observations of  $\beta$  Pictoris”, 2004IAUS...202..338H ADS
- Bouret, J. C., Lanz, T., Hillier, D. J., et al., “Quantitative Spectroscopy of O Stars at Low Metallicity: O Dwarfs in NGC 346”, 2003ApJ...595.1182B ADS
- Allende Prieto, C., Lambert, D. L., Hubeny, I., & Lanz, T., “Non-LTE Model Atmospheres for Late-Type Stars. I. A Collection of Data for Light Neutral and Singly Ionized Atoms”, 2003ApJS...147..363A ADS
- Lanz, T. & Hubeny, I., “Erratum: “A Grid of Non-LTE Line-blanketed Model Atmospheres of O-Type Stars“ (<A href=“bibquery?2003ApJS...146..417L”>ApJS, 146, 417 [2003]</A>”, 2003ApJS...147..225L ADS
- Lanz, T. & Hubeny, I., “A Grid of Non-LTE Line-blanketed Model Atmospheres of O-Type Stars”, 2003ApJS...146..417L ADS
- Ishibashi, K., Gull, T. R., Davidson, K., et al., “Discovery of a Little Homunculus within the Homunculus Nebula of  $\eta$  Carinae”, 2003AJ...125.3222I ADS
- Hillier, D. J., Lanz, T., Heap, S. R., et al., “A Tale of Two Stars: The Extreme O7 Iaf+ Supergiant AV 83 and the OC7.5 III(f) star AV 69”, 2003ApJ...588.1039H ADS
- Heap, S., Lindler, D., & Lanz, T., “UV Spectral Templates for High-Redshift Galaxies”, 2003AAS...202.1107H ADS
- Ryans, R. S. I., Dufton, P. L., Mooney, C. J., et al., “An analysis of the optical spectra of the post-asymptotic giant branch stars LSIV -12 111 and HD 341617”, 2003A&A...401.1119R ADS
- Rousselet-Perraut, K., Stehle, C., Lanz, T., et al., “Mapping abundance inhomogeneities and magnetic fields of chemically peculiar (CP) stars with optical aperture synthesis arrays”, 2003SPIE.4838.1396R ADS
- Leygnac, S., Lanz, T., Stehlé, C., Michaut, C., & Korčáková, D., “Multidimensional radiative effects in supercritical shocks”, 2003sf2a.conf...595L ADS
- Lebouquin, J. B., Rousselet-Perraut, K., Stehlé, C., Lanz, T., & Jankov, S., “Observing stellar activity with optical interferometers”, 2003sf2a.conf...539L ADS
- Bouret, J. C., Lanz, T., Heap, S., et al., “Quantitative Spectroscopy of O stars at low metallicity: O Dwarfs in NGC 346”, 2003sf2a.conf...499B ADS
- Bouret, J.-C., Lanz, T. M., Heap, S. R., et al., “Quantitative analysis of O-type stars properties, at low metallicity”, 2003IAUS...212..156B ADS
- Allende Prieto, C., Hubeny, I., Lambert, D. L., & Lanz, T., “NLTE Line Formation in Late-Type Stellar Atmospheres”, 2003IAUS...210P.A24A ADS
- Lanz, T., Hubeny, I., & Heap, S. R., “NLTE Line-Blanketed Model Stellar Atmospheres”, 2003IAUS...210..67L ADS
- Le Bouquin, J. B., Rousselet-Perraut, K., Stehlé, C., Lanz, T., & Jankov, S., “Using Optical Interferometry for Studying Stellar Activity and Magnetism”, 2003ASPC...305..215L ADS
- Heap, S. R. & Lanz, T., “Nitrogen Enrichment in Massive Stars”, 2003ASPC...304..41H ADS
- Sweigart, A. V., Brown, T. M., Lanz, T., Landsman, W. B., & Hubeny, I., “A New Formation Mechanism for the Hottest Horizontal-Branch Stars”, 2003ASPC...296..313S ADS
- van Noort, M., Hubeny, I., & Lanz, T., “Multidimensional ALI Radiative Transfer in Cartesian, Cylindrical and Spherical Coordinate Systems”, 2003ASPC...288..445V ADS
- Lanz, T. & Hubeny, I., “A Grid of Non-LTE Line-Blanketed Model Atmospheres of O Stars”, 2003ASPC...288..157L ADS
- Wiersma, J., Rutten, R. J., & Lanz, T., “NLTE in a Hot Hydrogen Star: Auer & Mihalas Revisited”, 2003ASPC...288..130W ADS
- Lanz, T. & Hubeny, I., “Atomic Data in Non-LTE Model Stellar Atmospheres”, 2003ASPC...288..117L ADS
- Hubeny, I. & Lanz, T., “Model Photospheres with Accelerated Lambda Iteration”, 2003ASPC...288..51H ADS
- Brown, T. M., Heap, S. R., Hubeny, I., Lanz, T., & Lindler, D., “Erratum: “Isolating Clusters with Wolf-Rayet Stars in I Zw 18“ (<A href=“abs/2002ApJ...579L.75B”>ApJ, 579, L75 [2002]</A>”, 2002ApJ...581L.129B ADS
- Dupuis, J., Vennes, S., Lanz, T., & Chayer, P., “Abundance of Trace Elements in the Atmospheres of Three Hot White Dwarfs in Post-CE Binaries”, 2002AAS...20111908D ADS
- Heap, S. R. & Lanz, T. M., “The Role of Rotation in the Evolution of Massive Stars”, 2002AAS...20111309H ADS
- Lanz, T., Brown, T. M., Sweigart, A. V., Hubeny, I., & Landsman, W. B., “FUSE Observations of He-rich sdB Stars”, 2002AAS...20111308L ADS
- Leygnac, S., Lanz, T., Stehlé, C., & Michaut, C., “Laboratory Astrophysics: Study of Radiative Shocks”, 2002AAS...201.5415L ADS
- Landsman, W. B., Crotts, A. P. S., Heap, S., Lanz, T., & Sweigart, A., “The Helium and Nitrogen-Rich UV-Bright Star UIT-644 in Omega Cen”, 2002AAS...201.0715L ADS
- Brown, T. M., Heap, S. R., Hubeny, I., Lanz, T., & Lindler, D., “Isolating Clusters with Wolf-Rayet Stars in I Zw 18”, 2002ApJ...579L..75B ADS
- Bouret, J. C., Deleuil, M., Lanz, T., et al., “A chromospheric scenario for the activity of beta Pictoris, as revealed by FUSE”, 2002A&A...390.1049B ADS
- Heap, S. R. & Lanz, T., “Young, Massive Stars at Low Metallicity”, 2002AAS...200.0713H ADS
- van Noort, M., Hubeny, I., & Lanz, T., “Multidimensional Non-LTE Radiative Transfer. I. A Universal Two-dimensional Short-Characteristics Scheme for Cartesian, Spherical, and Cylindrical Coordinate Systems”, 2002ApJ...568.1066V ADS

- Lanz, T.: 2002, *FUSE Observations of Key DBA and DAB White Dwarfs*, FUSE Proposal ID C026 2002fuse.prop.C026L ADS
- Sweigart, A. V., Brown, T. M., Lanz, T., Landsman, W. B., & Hubený, I., “*The Origin of Hot Subluminous Horizontal-Branch Stars in  $\omega$  Centauri and NGC 2808*”, 2002ASPC...265...261S ADS
- Hubený, I., Blaes, O., Krolik, J. H., Agol, E., & Lanz, T., “*NLTE Models of Vertical structure of Accretion Disks around Stellar Mass Black Holes*”, 2001AAS...19915908H ADS
- Sweigart, A. V., Brown, T. M., Moehler, S., et al., “*The Origin of Hot Subluminous Horizontal-Branch Stars in  $\omega$  Cen and NGC 2808*”, 2001AAS...19913704S ADS
- Lanz, T. & Hubený, I., “*NLTE Model Atmospheres of Supersoft X-Ray Sources*”, 2001AAS...199.1712L ADS
- Sahu, M. S., Landsman, W., Bruhweiler, F. C., et al., “*The D/H Abundance Ratio in Local Interstellar Gas*”, 2001AAS...199.1101S ADS
- Heap, S. R., Gaidos, E., Hubený, I., & Lanz, T. M., “*Solar UV Radiation and the Origin of Life on Earth*”, 2001AAS...199.0314H ADS
- Brown, T. M., Sweigart, A. V., Lanz, T., Landsman, W. B., & Hubený, I., “*Flash Mixing on the White Dwarf Cooling Curve: Understanding Hot Horizontal Branch Anomalies in NGC 2808*”, 2001ApJ...562...368B ADS
- Lanz, T., “*Stellar Atmospheres*”, in P. Murdin (Ed.), *Encyclopedia of Astronomy and Astrophysics*, 1873 2001eaa...bookE1873L ADS
- Vennes, S. & Lanz, T., “*A Comparative Study of the Atmospheric Composition of the DA White Dwarfs Feige 24 and G191-B2B*”, 2001ApJ...553...399V ADS
- Brown, T. M., Sweigart, A. V., Lanz, T., Landsman, W. B., & Hubený, I., “*Understanding Horizontal Branch Anomalies in NGC 2808*”, 2001AAS...198.4302B ADS
- Brillant, S., Stehlé, C., Mathys, G., & Lanz, T., “*Determination of magnetic fields in stars based on polarized hydrogen lines*”, 2001AIPC...559...205B ADS
- Heap, S. R., Hubený, I., & Lanz, T. M., “*Properties of the  $z = 2.73$  galaxy, MS1512-cB58*”, 2001ApSSS.277...263H ADS
- Rousselet-Perraut, K., Stehlé, C., Kilbinger, M., et al., “*Simulation of Interfero-Polarimetric Observations for Magnetic Stars*”, 2001ASPC...248...629R ADS
- Stehlé, C., Mathys, G., Brillant, S., & Lanz, T., “*Recent Developments for Balmer Line Photopolarimetry*”, 2001ASPC...248...357S ADS
- Lanz, T. & Hubený, I., “*NLTE Model Atmospheres for OB Stars*”, 2001ASPC...247...351L ADS
- Hillier, D. J. & Lanz, T., “*CMFGEN: A non-LTE Line-Blanketed Radiative Transfer Code for Modeling Hot Stars with Stellar Winds*”, 2001ASPC...247...343H ADS
- Heap, S. R., Hubený, I., Lanz, T. M., & Lindler, D. J., “*GALSPEC: A Tool for Computing the Spectra of Star-Forming Galaxies of Low Metallicity*”, 2000AAS...197.7813H ADS
- Hubený, I. & Lanz, T., “*A New Grid of NLTE Model Atmospheres of Hot Stars*”, 2000AAS...197.7812H ADS
- Lanz, T., Bouret, J. C., Heap, S. R., et al., “*NGC 346-12, a Rapidly Rotating O9.5V Star in the SMC: Test Case of Weak Winds*”, 2000AAS...197.7811L ADS
- Bouret, J. C., Heap, S. R., Hubený, I., et al., “*NLTE Model Atmosphere Analysis of Main-Sequence O Stars in NGC 346*”, 2000AAS...197.7810B ADS
- Bruhweiler, F., Miskey, C., de Koter, A., et al., “*Ultraviolet Spectroscopy of O and B Stars at 1/30 Solar Metallicity: The Stars of the Local Group Galaxy Sextans A*”, 2000AAS...197.7805B ADS
- Landsman, W. B., Catelan, M., Grundahl, F., et al., “*Ultraviolet Spectra of Hot Horizontal Branch Stars in NGC 6752*”, 2000AAS...197.4120L ADS
- Sahu, M. S., Landsman, W., Bruhweiler, F. C., et al., “*The D/H Abundance Ratio in Local Interstellar Gas*”, 2000AAS...197.0703S ADS
- Vennes, S., Polomski, E. F., Lanz, T., et al., “*Hubble Space Telescope Imaging Spectrograph Observations of the Hot White Dwarf in the Close Binary Feige 24*”, 2000ApJ...544...423V ADS
- Heap, S. R., Lindler, D. J., Lanz, T. M., et al., “*Space Telescope Imaging Spectrograph Coronagraphic Observations of  $\beta$  Pictoris*”, 2000ApJ...539...435H ADS
- Mathys, G., Stehlé, C., Brillant, S., & Lanz, T., “*The physical foundations of stellar magnetic field diagnosis from polarimetric observations of hydrogen lines*”, 2000A&A...358.1151M ADS
- Hubený, I., Heap, S. R., & Lanz, T. M., “*Analysis of the Spectrum of the  $z=2.73$  Galaxy, MS1512-cB58: A Unified Model of the Stellar and Interstellar Contributions*”, 2000AAS...196.2914H ADS
- Sahu, M. S., Landsman, W., Bruhweiler, F. C., et al., “*The D/H Abundance Ratio in Local Interstellar Gas*”, 2000AAS...196.2620S ADS
- Yi, S., Brown, T. M., Heap, S., et al., “*On the Age Estimation of LBDS 53W091*”, 2000ApJ...533...670Y ADS
- Lachaume, R., Dominik, C., Lanz, T., & Habing, H. J., “*VizieR Online Data Catalog: Ages of main-sequence stars (Lachaume+, 1999)*”, 2000yCat...33480897L ADS
- Hubený, I., Lanz, T., & Heap, S., “*Model Atmospheres and Radiatively Driven Winds of Metal-Poor Stars*”, 2000fist.conf...133H ADS
- Heap, S. R., Bouret, J. C., Hubený, I., & Lanz, T. M., “*Properties of the  $z=2.73$  Galaxy, MS1512-cB58*”, 1999AAS...195.0919H ADS
- Lachaume, R., Dominik, C., Lanz, T., & Habing, H. J., “*Age determinations of main-sequence stars: combining different methods*”, 1999A&A...348...897L ADS
- Heap, S., Brown, T., Lanz, T., & Yi, S., “*UV Spectroscopic Dating of Stars and Galaxies*”, 1999Ap&SS.265...531H ADS
- Hubený, I., Lanz, T., Haas, S., et al., “*Detailed non-LTE Analysis of the High-S/N STIS Spectrum of the Hot Subdwarf, BD+28(deg4211)*”, 1999AAS...194.6702H ADS
- Vink, J. S., Heap, S. R., Sweigart, A. V., Lanz, T., & Hubený, I., “*Hot stellar population synthesis from the UV spectrum: the globular cluster M79 (NGC 1904)*”, 1999A&A...345...109V ADS
- Heap, S., Brown, T., Lanz, T., & Yi, S., “*UV Spectroscopic Dating of Stars and Galaxies*”, 1999gecd.conf...531H ADS
- Yi, S., Brown, T., Heap, S., et al., “*On the Age Estimation of LBDS 53W091*”, 1999ASPC...193...185Y ADS
- Heap, S. R., Lanz, T. M., Brown, T., & Hubený, I., “*Mid-UV Spectroscopic Dating of LBDS 53W091*”, 1999ASPC...193...167H ADS
- Yi, S., Brown, T. M., Heap, S., et al., “*On the Age Estimation of High Redshift Galaxies*”, 1999ASPC...192...126Y ADS
- Lanz, T., Heap, S., Brown, T. M., Hubený, I., & Yi, S., “*Dating intermediate-age populations with main-sequence A and F-type stars*”, 1999ASPC...192...106L ADS
- Hubený, I., Barstow, M. A., Lanz, T., & Holberg, J. B., “*Non-LTE model atmospheres of hot DA white dwarfs*”, 1999ASPC...169...445H ADS
- Brillant, S., Lanz, T., Mathys, G., & Stehlé, S., “*New insight in the diagnosis of stellar magnetic fields by polarimetry of hydrogen lines*”, 1999AAS...19312402B ADS
- Hubený, I., van Noort, M., & Lanz, T., “*Multidimensional, non-LTE Radiation Transport in Astrophysical Media*”, 1998AAS...193.6918H ADS
- Lanz, T., Heap, S. R., Brown, T. M., Hubený, I., & Yi, S., “*Age and Metallicity of F-type Stars*”, 1998AAS...193.0302L ADS
- van Noort, M., Lanz, T., Lamers, H. J. G. L. M., et al., “*Fe II emission lines in the UV spectrum of Sirius-A and VEGA*”, 1998A&A...334...633V ADS
- Heap, S. R., Brown, T. M., Hubený, I., et al., “*Ultraviolet Spectral Dating of Stars and Galaxies*”, 1998ApJ...492L.131H ADS
- Lanz, T., “*Axisymmetric Model Atmospheres of B[e] Stars*”, 1998ASSL...233...229L ADS
- Hubený, I., Heap, S. R., & Lanz, T., “*Non-LTE Line-Blanketed Model Atmospheres of O Stars*”, 1998ASPC...131...108H ADS
- Lanz, T., Hubený, I., & Heap, S. R., “*Non-LTE Line-blanketed Model Atmospheres of Hot Stars. III. Hot Subdwarfs: The sdO Star BD +75 deg325*”, 1997ApJ...485...843L ADS
- Holberg, J. B., Barstow, M. A., Lanz, T., & Hubený, I., “*Hubble Space Telescope Ultraviolet Spectroscopy of Two Hot White Dwarfs*”, 1997ApJ...484...871H ADS
- Mathys, G. & Lanz, T., “*The variations of the BP star HD 137509*”, 1997A&A...323...881M ADS
- Mathys, G., Hubrig, S., Landstreet, J. D., Lanz, T., & Manfroid, J., “*The mean magnetic field modulus of AP stars*”, 1997A&AS...123...353M ADS
- Barstow, M. A., Dobbie, P. D., Holberg, J. B., Hubený, I., & Lanz, T., “*Interstellar and photospheric opacity from EUV spectroscopy of DA white dwarfs*”, 1997MNRAS.286...58B ADS
- Mathys, G., Hubrig, S., Landstreet, J. D., Lanz, T., & Manfroid, J., “*VizieR Online Data Catalog: Mean magnetic field modulus of Ap stars (Mathys, 1997)*”, 1997yCat...41230353M ADS
- Mathys, G. & Lanz, T., “*VizieR Online Data Catalog: Variations of HD 137509 (Mathys+ 1997)*”, 1997yCat...33230881M ADS
- Hubený, I. & Lanz, T., “*NLTE Line Blanketed Model Atmospheres of A-Type Stars*”, 1997IAUJD...16E.102H ADS
- Barstow, M. A., Holberg, J. B., Hubený, I., & Lanz, T., “*Heavy elements in white dwarf envelopes*”, 1997ASSL...214...237B ADS
- Lanz, T., Barstow, M. A., Hubený, I., & Holberg, J. B., “*A Self-consistent Optical, Ultraviolet, and Extreme-Ultraviolet Model for the Spectrum of the Hot White Dwarf G191-B2B*”, 1996ApJ...473.1089L ADS
- Lanz, T., de Koter, A., Hubený, I., & Heap, S. R., “*Toward Resolving the “Mass Discrepancy” in O-Type Stars*”, 1996ApJ...465...359L ADS
- Lanz, T., Artru, M. C., Le Dourneuf, M., & Hubený, I., “*Photoionization resonances of SiII in stellar spectra*”, 1996A&A...309...218L ADS
- Barstow, M. A., Holberg, J. B., Hubený, I., et al., “*Solving the mystery of the heavy-element opacity in the DA white dwarf GD 394*”, 1996MNRAS.279.1120B ADS
- Hubený, I. & Lanz, T., “*EUV Radiation from Hot Star Photoepheres: Theory Versus Observations*”, 1996aeu.conf...381H ADS
- Barstow, M. A., Hubený, I., Lanz, T., Holberg, J. B., & Sion, E. M., “*The Composition and Structure of White Dwarf Atmospheres Revealed by Extreme Ultraviolet Spectroscopy*”, 1996aeu.conf...203B ADS

- Lanz, T., Hubeny, I., & de Koter, A., "Atomic data for non-LTE model stellar atmospheres", 1996PhST...65..144L ADS
- Landsman, W. B., Crotts, A. P. S., Hubeny, I., et al., "Spectroscopic Constraints on the Helium Abundance in Globular Cluster Stars", 1996ASPC...99..199L ADS
- Hubeny, I. & Lanz, T., "Fully line-blanketed NLTE model atmospheres for hot hydrogen-deficient stars", 1996ASPC...96..249H ADS
- de Koter, A., Hubeny, I., Heap, S. R., & Lanz, T., "Non-LTE spectroscopic analysis of the wind of the central star of NGC 6543", 1996ASPC...96..141D ADS
- Stecher, T. P., Landsman, W., Crotts, A. P. S., et al., "Support for the Primordial Helium Abundance Derived from Observation of Globular Cluster Stars", 1995AAS...187.8606S ADS
- Lanz, T., "VizieR Online Data Catalog: Photoelectric Photometry in Johnson UBVR System (Lanz 1986)", 1995yCat.2116...0L ADS
- Lanz, T., Heap, S. R., & Hubeny, I., "HST/GHRS Observations of the beta Pictoris System: Basic Parameters of the Age of the System", 1995ApJ...447L..41L ADS
- Mason, K. O., Drew, J. E., Cordova, F. A., et al., "Eclipse observations of an accretion disc wind", 1995MNRAS.274..271M ADS
- Landsman, W. B., Crotts, A., O'Connell, R. W., et al., "The UV-Bright Stars of Omega Centauri", 1995AAS...186.1203L ADS
- Lanz, T. & Hubeny, I., "Non-LTE Line-blanketed Model Atmospheres of Hot Stars. II. Hot, Metal-rich White Dwarfs", 1995ApJ...439..905L ADS
- Hubeny, I. & Lanz, T., "Non-LTE Line-blanketed Model Atmospheres of Hot Stars. I. Hybrid Complete Linearization/Accelerated Lambda Iteration Method", 1995ApJ...439..875H ADS
- Hubeny, I. & Lanz, T., "Non-LTE Line Blanketed Model Atmospheres of Hot, Metal-Rich White Dwarfs", in D. Koester and K. Werner (Eds.), White Dwarfs, Vol. 443, 98 1995LNP...443..98H ADS
- Lanz, T., "Interpreting the spectra of chemically peculiar stars", 1995HiA...10..582L ADS
- Landsman, W. B., Crotts, A., O'Connell, R. W., et al., "The UV-bright stars of Omega Centauri", 1995BAAS...27S.828L ADS
- Cassinelli, J. P., Cohen, D. H., Macfarlane, J. J., et al., "EUVE Spectroscopy of epsilon Canis Majoris (B2 II) from 70 to 730 Angstrom", 1995ApJ...438..932C ADS
- Mathys, G. & Lanz, T., "Magnetic Splitting and Identification of Spectral Lines in AP Stars", 1995ASPC...81..531M ADS
- Lanz, T., "The Atmospheres of Chemically Peculiar Stars: A Laboratory for Atomic Physics", 1995ASPC...78..423L ADS
- Lanz, T., Hubeny, I., & Heap, S. R., "NLTE Line-blanketed Model Atmosphere Analysis of the hot Subdwarf BD +75 deg 325", 1994AAS...185.8005L ADS
- Heap, S. R., Lanz, T., Hubeny, I., & Lindler, D., "HST/GHRS Observations of beta Pictoris", 1994AAS...185.4812H ADS
- Hubeny, I., Heap, S. R., & Lanz, T., "HST/FOS Spectroscopy of the Central Star of NGC 7027", 1994AAS...185.4710H ADS
- North, P., Berthet, S., & Lanz, T., "(Erratum) The nature of the F STR lambda 4077 stars. III. Spectroscopy of the barium dwarfs and other CP stars.", 1994A&A...292..350N ADS
- de Koter, A., Hubeny, I., Heap, S. R., & Lanz, T., "Theoretical Modeling of GHRS Observations of the Off/WN-Type Star R136a5", 1994ApJ...435L..71D ADS
- Smith, M. A., Hubeny, I., Lanz, T., & Meylan, T., "Dynamic Processes in Be Star Atmospheres. II. He I 2P-nD Line Formation in lambda Eridani (Outburst)", 1994ApJ...432..392S ADS
- Lanz, T. & Hubeny, I., "NLTE Model Stellar Atmospheres: The Hybrid CL/ALI Method", 1994AAS...184.4011L ADS
- de Koter, A., Heap, S., Hubeny, I., et al., "GHRS observations and theoretical modeling of early type stars in R136a", 1994AAS...184.3106D ADS
- Holberg, J. B., Hubeny, I., Barstow, M. A., et al., "The Discovery of Ni V in the Photospheres of the Hot DA White Dwarfs RE 2214-492 and G191-B2B", 1994ApJ...425L.105H ADS
- North, P., Berthet, S., & Lanz, T., "The nature of the F STR lambda 4077 stars. V. Spectroscopic data", 1994A&AS...103..321N ADS
- Hubeny, I., Hummer, D. G., & Lanz, T., "NLTE model stellar atmospheres with line blanketing near the series limits.", 1994A&A...282..151H ADS
- Lanz, T.: 1994, Iron-Peak Elements in Hot Subdwarfs: CYCLE4 Medium, HST Proposal ID 5305, Cycle 4 1994hst..prop.5305L ADS
- Heap, S., Lanz, T., & Hubeny, Y., "HST/GHRS Observations of beta Pictoris", 1994cdp.conf..367H ADS
- Smith, M. A., Hubeny, I., & Lanz, T., "Puzzling problems of He I line formation in early B stars", 1994IAUS...162..273S ADS
- Horne, K., Cheng, F. H., Marsh, T., Hubeny, I., & Lanz, T., "HST Eclipse Mapping of the Dwarf Nova OY Carinae in Quiescence: an "Fe II Curtain" with Mach approximately equals 6 Velocity Dispersion Veils the White Dwarf", 1994ASPC...56..283H ADS
- North, P., Berthet, S., & Lanz, T., "The nature of the F STR lambda 4077 stars. III. Spectroscopy of the barium dwarfs and other CP stars.", 1994A&A...281..775N ADS
- Lanz, T. & Mathys, G., "A search for magnetic fields in AM stars.", 1993A&A...280..486L ADS
- North, P. & Lanz, T., "Erratum: The nature of the F STR A4077 stars. IV. Search for white dwarfs around barium dwarfs", 1993A&A...273..720N ADS
- Hubeny, I. & Lanz, T., "NLTE Line Blanketed Model Atmospheres for Hot, Metal-rich White Dwarfs", 1993AAS...182.4701H ADS
- Lanz, T., Artru, M. C., Didelon, P., & Mathys, G., "The GA II lines in the red spectrum of AP stars.", 1993A&A...272..465L ADS
- Lanz, T. & Hubeny, I., "Spectral Diagnoses of Chromospheres and Winds in A-Type Stars", 1993ASPC...44..517L ADS
- Mathys, G., Landstreet, J. D., & Lanz, T., "Observations of Magnetically Split Lines in Ap-Stars", 1993ASPC...44..300M ADS
- Hubeny, I. & Lanz, T., "Modelling A-Type Atmospheres - NLTE Models", 1993ASPC...44..98H ADS
- Lanz, T., "Similarities and Differences Between Magnetic and Non-Magnetic Cp-Stars", 1993ASPC...44..60L ADS
- Lanz, T., Hubeny, I., Cheng, F. H., & Horne, K., "Line Blanketed Model Atmospheres for Metal-rich White Dwarfs", 1992AAS...181.5004L ADS
- Hubeny, I. & Lanz, T., "Non-LTE Line Blanketed Model Atmospheres: Application to A-stars", 1992AAS...181.1911H ADS
- Heap, S. R., Hubeny, I., Lanz, T., & Altner, B., "Non-LTE Analysis of the Hot Subdwarf: BD 75 325", 1992AAS...181.5003H ADS
- Babel, J. & Lanz, T., "Stratification of chemical elements in the atmosphere of the AP star 53 Camelopardalis.", 1992A&A...263..232B ADS
- Hubeny, I. & Lanz, T., "Accelerated complete-linearization method for calculating NLTE model stellar atmospheres", 1992A&A...262..501H ADS
- Lanz, T. & Catala, C., "Mass loss in main-sequence A-type stars?", 1992A&A...257..663L ADS
- Mathys, G. & Lanz, T., "Ap stars with resolved magnetically split lines.", 1992A&A...256..169M ADS
- Allard, N., Le Dourneuf, M., Artru, M. C., & Lanz, T., "Compilation of atomic oscillator strengths for carbon, nitrogen and oxygen ions. II - Addendum for the beryllium isoelectronic sequence", 1991A&AS...91..399A ADS
- Lanz, T., Bohlender, D. A., & Landstreet, J. D., "The Rotation Period of the A0p Star HD 133652", 1991IBVS.3678....1L ADS
- North, P. & Lanz, T., "The nature of the F STR lambda 4077 stars. IV. Search for white dwarfs around barium dwarfs.", 1991A&A...251..489N ADS
- Baade, D., Cristiani, S., Lanz, T., et al., "Reduced upper limits on the equivalent width of interstellar Li I 670.8 towards SN 1987A.", 1991A&A...251..253B ADS
- Lanz, T. & Mathys, G., "Photometric variations of some magnetic AP stars.", 1991A&AS...90..365L ADS
- Lanz, T., Hubeny, I., & Altner, B., "A New Look at the Standard Teff = 10000K, log g = 4, Non-LTE Model Atmosphere", 1991BAAS...23R1381L ADS
- Lanz, T. & Mathys, G., "The Photometric Variability of the B9p Star HD 137509", 1991IBVS.3655....1L ADS
- Allard, N., Artru, M. C., Lanz, T., & Le Dourneuf, M., "Compilation of atomic oscillator strengths for carbon, nitrogen and oxygen ions - The beryllium isoelectronic sequence (C III, N IV, and O V)", 1990A&AS...84..563A ADS
- Lanz, T. & Artru, M. C., "Nitrogen abundances in chemically peculiar stars", 1990ESASP.310..275L ADS
- Mathys, G. & Lanz, T., "The magnetic field of the AM star omicron Pegasi.", 1990A&A...230L..21M ADS
- Reichen, M., Lanz, T., Golay, M., & Huguenin, D., "A detailed study of a 6 deg diameter field in Scutum", 1990Ap&SS.163..275R ADS
- Artu, M. C., Borsenberger, J., & Lanz, T., "The IUE spectral atlas of two normal B stars: pi Ceti and nu Capricorni (125-198 nm)", 1989A&AS...80...17A ADS
- Landstreet, J. D. & Lanz, T., "Modelling of Magnetic Field Geometries and Chemical Abundance Distributions of Ap Si Stars", 1989BAAS...21.1199L ADS
- Mégessier, C., Lanz, T., & Artru, M. C., "The chemically peculiar magnetic stars.", 1989musi.work...61M ADS
- Megessier, C., Artru, M. C., & Lanz, T., "Les étoiles magnetiques chimiquement particulières.", 1989JAF...34R...7M ADS
- Artru, M. C., Borsenberger, J., & Lanz, T., "The IUE spectral atlas of two normal B stars: pi Ceti and nu Cap", 1988ESASP.281a.389A ADS
- North, P., Babel, J., & Lanz, T., "The Period of Two Bp Si Mg Stars: HD 60431 and CoD -51 3378", 1988IBVS.3155....1N ADS
- Lanz, T., Dimitrijevic, M. S., & Artru, M. C., "Stark broadening of visible Si II lines in stellar atmospheres", 1988A&A...192..249L ADS
- , "Radiation in moving gaseous media", 1988rmgm.conf....C ADS
- Lanz, T. & Artru, M. C., "Critical Overview of Atomic Data for Stellar Abundance Analyses", 1988ea.conf..156L ADS
- Lanz, T., "The Measurement of Equivalent Widths: A Comparison for 100 Selected Lines", 1988ea.conf..120L ADS

Lanz, T., "Abundance Analysis of Phi Herculis", 1988eaa.conf...82L  
[ADS](#)

, "Elemental abundance analyses", 1988eaa.conf...A [ADS](#)

Megessier, C., Lanz, T., & Landstreet, J. D., "Magnetic Field and Silicon Diffusion in Bp-Si Stars", 1988IAUS...132..329M [ADS](#)

Artru, M. C. & Lanz, T., "Silicon absorption in UV spectra of AP Si stars.", 1987A&A...182..273A [ADS](#)

Vidal-Madjar, A., Andreani, P., Cristiani, S., et al., "The interstellar spectrum toward SN 1987A.", 1987A&A...177L..17V [ADS](#)

Lanz, T.: 1987, Ph.D. thesis, - 1987PhDT...169L [ADS](#)

Lanz, T., "Photoelectric photometric catalogue in the Johnson UBVRI system.", 1986A&AS...65..195L [ADS](#)

Artru, M.-C. & Lanz, T., "Characteristic Absorption Features in the Spectra of Ap-Si Stars Between 1250 and 1850 Å", 1986ASSL...125..105A [ADS](#)

Lanz, T., "Infrared sources in the ρ Ophiuchus dark cloud region", 1985BICDS...28..125L [ADS](#)

Lanz, T., "Effective temperature of AP stars : a comparison between several photometric estimators.", 1985A&A...144..191L [ADS](#)

Lanz, T., "Bolometric corrections for peculiar B-type stars.", 1984A&A...139..161L [ADS](#)