PUBLICATIONS

PUBLICATIONS IN REFEREED JOURNALS:

  “Optical spectroscopy of EZ CMa: indication for large-scale structures in a Wolf-Rayet wind”

  “A comprehensive variability study of the enigmatic WN 8 stars: final results”

  “Coupled line-profile and continuum variations in EZ CMa: implications for the driving mechanism of global wind structures in Wolf-Rayet winds”

  “A 2.3 day periodic variability in the apparently single Wolf-Rayet star WR 134: collapsed companion or rotational modulation?”

  “An investigation of the large-scale variability of the apparently single Wolf-Rayet star WR I”

  “The European Large Area ISO Survey I: Goals, definition and observations”

  “The European Large Area ISO Survey IV: The preliminary 90 µm luminosity function”

  “Optical spectroscopy of X-ray Mega Targets in the Carina Nebula - II. The massive double-lined O-type binary HD 93205”

  “The European Large Area ISO Survey VI: Discovery of a new hyperluminous infrared galaxy”

  “Near-infrared [Fe II] emission from supernova remnants and the supernova rate of starburst galaxies”

  “Near and mid-infrared colours of star-forming galaxies in European Large Area ISO Survey fields”

  “The quadruple Wolf-Rayet system GP Cep: spectral types, masses, mass-loss rate and colliding winds”

  “The photospheric abundances of active binaries II. Atmospheric parameters and abundance patterns for 6 single-lined RS CVn systems”
  “Large-scale wind structures in OB supergiants: a search for rotationally modulated Hα variability”

  “The European Large Area ISO Survey VII: The final band-merged catalogue”

  “On the determination of oxygen abundances in chromospherically active stars”

  “Hydrogen in the atmosphere of the evolved WN3 Wolf-Rayet star WR3: defying an evolutionary paradigm?”

  “The photospheric abundances of active binaries III. Abundance peculiarities at high activity levels”

  “The European Large Area ISO Survey VIII: 90 µm final analysis and source counts”

  “Near-infrared identification of the counterpart to X1908+075: a new OB-supergiant X-ray binary”

  “Spectroscopic determination of photospheric parameters and chemical abundances of 6 K-type stars”

  “Abundance analysis of prime B-type targets for asteroseismology I. Nitrogen excess in slowly-rotating β Cephei stars”

  “The early-type close binary CV Velorum revisited”

  “Towards an understanding of the Of?p star HD 191612: optical spectroscopy”

  “An asteroseismic study of the β Cephei star θ Ophiuchi: constraints on global stellar parameters and core overshooting”

  “Nitrogen enrichment, boron depletion and magnetic fields in slowly-rotating B-type dwarfs”

  “The stellar North Ecliptic Pole Survey II. Spectral analysis”

  “The neon content of nearby B-type stars and its implications for the solar model problem”

  “New insights into the nature of the peculiar star θ Carinae”

• Hubrig, Briquet, De Cat, Schöller, Morel, & Ilyin 2009, AN, 330, 317
  “New magnetic field measurements of β Cephei and Slowly Pulsating B stars”
“Evidence for nonlinear resonant mode coupling in the β Cephei star HD 180642 (V1449 Aql) from CoRoT space-based photometry”

“Abundance analysis of prime B-type targets for asteroseismology II. B6-B9 stars in the field of view of the CoRoT satellite”

“Ground-based observations of the β Cephei CoRoT main target HD 180642: abundance analysis and mode identification”

“HD 174884: a strongly eccentric, short-period early-type binary system discovered by CoRoT”

“Non-radial oscillations in the red giant HR 7349 measured by CoRoT”

“Spectroscopic determination of the fundamental parameters of 66 B-type stars in the field-of-view of the CoRoT satellite”

“Red-giant seismic properties analyzed with CoRoT”

“Studying bright, massive stars in the era of large telescopes II Wind structures”

“First Orbital Solution for the Non-thermal Emitter Cyg OB2 No. 9”

“Oscillation mode life times of red giants observed during the initial and first anticentre long run of CoRoT”

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“Amplitudes and lifetimes of solar-like oscillations observed by CoRoT — red-giant versus main-sequence stars”

“The strong magnetic field of the large-amplitude beta; Cephei pulsator V1449 Aquilae”

“Variability in the CoRoT photometry of three O-type stars - HD 46223, HD 46150 and HD 46966”
  “Spectroscopy of the archetype colliding-wind binary WR 140 during the 2009 January
periastron passage”

  “Assessing the accuracy of the gravity determination in late-type stars with solar-like
pulsators”

  “Modelling a high-mass red giant observed by CoRoT”

  “Testing the effect of the opacity and of the chemical mixture on the excitation of pulsations
in Magellanic B stars”

  “Gravito-inertial and pressure modes detected in the B3 IV CoRoT target HD 43317”

  “The CoRoT B-type binary HD 50230: a prototypical hybrid pulsator with g-mode period
and p-mode frequency spacings”

  “The nature of the high Galactic latitude O-star HD 93521: new results from X-ray and
optical spectroscopy”

  “Multisite spectroscopic seismic study of the β Cep star V2052 Ophiuchi: inhibition of
mixing by its magnetic field”

  “Galactic archaeology: mapping and dating stellar populations with asteroseismology of
red-giant stars”

  “High-precision CoRoT space photometry and fundamental parameter determination of
the B2.5 V star HD 48977”

  “An abundance study of the solar-analogue, CoRoT targets HD 42618 and HD 43587 from
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  “A search for pulsations in the HgMn star HD 45975 with CoRoT photometry and ground-
based spectroscopy”

  “Seismic analysis of HD 43587_Aa, a solar-like oscillator in a quadruple system”

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  “Spectroscopic variability of two Oe stars”

  “Young [α/Fe]-enhanced stars discovered by CoRoT and APOGEE: What is their origin?”

  “B fields in OB stars (BOB): FORS2 spectropolarimetric follow-up of the two rare rigidly rotating magnetosphere stars HD 23478 and HD 345439”

  “Models of red giants in the CoRoT asteroseismology fields combining asteroseismic and spectroscopic constraints”

  “B fields in OB stars (BOB): detection of a strong magnetic field in the O9.7 V star HD 54879”

  “B fields in OB stars (BOB): low-resolution FORS2 spectropolarimetry of the first sample of 50 massive stars”

  “B fields in OB stars (BOB): Detection of a magnetic field in the He-strong star CPD –57° 3509”

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  “Evidence of magnetic field decay in massive main-sequence stars”

  “The Gaia-ESO Survey: pre-main-sequence stars in the young open cluster NGC 3293”

  “The Gaia-ESO Survey: revisiting the Li-rich giant problem”

  “The Gaia mission”

  “Gaia Data Release 1. Summary of the astrometric, photometric, and survey properties”
  “B fields in OB stars (BOB): The outstandingly strong magnetic field in the evolved
  He-strong star CPD –62° 2124”

  “Galactic archaeology with asteroseismology and spectroscopy: red giants observed by
  CoRoT and APOGEE”

  “The Gaia-ESO Survey: calibration strategy”

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  Trifid nebula”

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  prospects”

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  individual results”

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  the exoplanet-host star HD 212771”

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  “PLATO as it is: a legacy mission for Galactic archaeology”

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  “Gaia Data Release 2. Observational Hertzsprung-Russell diagrams”

  “Gaia Data Release 2. Mapping the Milky Way disc kinematics”

  “Gaia Data Release 2. The kinematics of globular clusters and dwarf galaxies around the
  Milky Way”
  “Gaia Data Release 2. Observations of Solar System Objects”

  “Gaia Data Release 2. The celestial reference frame (Gaia-CRF2)”

  “The Gaia-ESO Survey: properties of newly discovered Li-rich giants”

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  “Europium as a lodestar: diagnosis of radiogenic heat production in terrestrial exoplanets - Spectroscopic determination of Eu abundances in α Centauri AB”

  “Abundance-age relations beyond solar analogues from an analysis of Kepler LEGACY stars”
PUBLICATIONS IN CONFERENCE PROCEEDINGS (WITH AND WITHOUT PEER REVIEW):

  “The photosphere-wind connection in Wolf-Rayet stars: simultaneous photometry and spectroscopy of EZ CMa”

  “The all-variable WN 8 stars: the stellar core as driver”

  “Confirmation of a 2.3 day periodicity in the Wolf-Rayet star WR 134: a twin of EZ CMa?”

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  “Investigation of three red giants observed in the CoRoT seismo field”

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  “The Gaia-ESO public spectroscopic survey”

  “The B fields in OB stars (BOB) survey”