

Assoc. Prof. Ahmet DERVİŞOĞLU

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: ABB-3428-2020

Yoksis Researcher ID: 117571

Education Information

Doctorate, Ege University, Fen Bilimleri Enstitüsü, Astronomi ve Uzay Bilimleri, Turkey 2005 - 2010

Postgraduate, Ege University, Fen Bilimleri Enstitüsü, Astronomi ve Uzay Bilimleri , Turkey 2003 - 2005

Undergraduate Double Major, Istanbul University, Faculty Of Science, Department Of Physics, Turkey 2000 - 2003

Undergraduate, Istanbul University, Faculty Of Science, Astronomy And Space Sciences, Turkey 1999 - 2003

Research Areas

Astronomy and Astrophysics

Academic Titles / Tasks

Associate Professor, Ataturk University, Fen Fakültesi, Astronomi ve Uzay Bilimleri, 2022 - Continues

Associate Professor, Erciyes University, Fen Fakültesi, Astronomi Ve Uzay Bilimleri , 2020 - 2022

Assistant Professor, Erciyes University, Fen Fakültesi, Astronomi Ve Uzay Bilimleri , 2012 - 2020

Associate Professor, Zagreb Üniversitesi, Faculty of Sciences, Physics, 2017 - 2019

Researcher, Ege University, Faculty Of Science, Astronomi Ve Uzay Bilimleri Bölümü, 2010 - 2012

Researcher, University of Cambridge, Institute of Astronomy, 2007 - 2008

Academic and Administrative Experience

Head of Department, Erciyes University, Fen Fakültesi, Astronomi Ve Uzay Bilimleri , 2021 - 2022

Manager of Research and Application Center, Erciyes University, Fen Fakültesi, Astronomi Ve Uzay Bilimleri , 2021 - 2022

Head of Department, Erciyes University, Fen Fakültesi, Astronomi Ve Uzay Bilimleri , 2021 - 2022

Uygulama ve Araştırma Merkezi Yönetim Kurulu Üyesi, Erciyes University, Fen Fakültesi, Astronomi Ve Uzay Bilimleri , 2017 - 2022

Assistant Manager of Research and Application Center, Erciyes University, Fen Fakültesi, Astronomi Ve Uzay Bilimleri , 2019 - 2020

Teknik Kurul Üyesi, Diğer (Kurumlar,hastaneler Vb.), Tübitak, Ulusal Gözlemevi, 2016 - 2020

Head of Department, Erciyes University, Fen Fakültesi, Astronomi Ve Uzay Bilimleri , 2016 - 2018

Courses

Astrofizik II, Undergraduate, 2021 - 2022

Tayfölçüm, Undergraduate, 2021 - 2022

Published journal articles indexed by SCI, SSCI, and AHCI

- I. PRECISE MEASUREMENT OF ORBITAL AND PHYSICAL PARAMETERS OF BRIGHT DETACHED SOLAR ANALOG ECLIPSING BINARIES
Çakırlı Ö., Hoyman B., Bulut S., Dervişoğlu A., Kayhan C.
REVISTA MEXICANA DE ASTRONOMIA Y ASTROFISICA, vol.58, no.1, pp.3-21, 2022 (SCI-Expanded)
- II. Dynamical parallax, physical parameters, and evolutionary status of the components of the bright eclipsing binary alpha Draconis
Pavlovski K., Hummel C. A., Tkachenko A., Dervisoglu A., Kayhan C., Zavala R. T., Hutter D. J., Tycner C., ŞAHİN T., Audenaert J., et al.
ASTRONOMY & ASTROPHYSICS, vol.658, 2022 (SCI-Expanded)
- III. Twin stars as tracers of binary evolution in the Kepler era
Bulut S., Hoyman B., DERVİŞOĞLU A., ÖZDARCAN O., ÇAKIRLI Ö.
MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY, vol.503, no.1, pp.1036-1050, 2021 (SCI-Expanded)
- IV. Spectroscopic long-term monitoring of RZCas I. Basic stellar and system parameters
Lehmann H., Dervisoglu A., Mkrtichian D. E., Pertermann F., Tkachenko A., Tsymbal V.
ASTRONOMY & ASTROPHYSICS, vol.644, 2020 (SCI-Expanded)
- V. High Resolution Optical Spectroscopy of a B-type Abundance Standard Candidate in Ori OB1-HD 35039
ŞAHİN T., DERVİŞOĞLU A.
ASTRONOMY LETTERS-A JOURNAL OF ASTRONOMY AND SPACE ASTROPHYSICS, vol.45, no.8, pp.528-545, 2019 (SCI-Expanded)
- VI. Analysis of a detached eclipsing binary at near the turnoff point of the open cluster NGC 6791 in Kepler field
Hoyman B., ÖZDARCAN O., DERVİŞOĞLU A., YONTAN T., ÇAKIRLI Ö.
NEW ASTRONOMY, vol.68, pp.10-19, 2019 (SCI-Expanded)
- VII. Evidence for conservative mass transfer in the classical Algol system delta Librae from its surface carbon-to-nitrogen abundance ratio
DERVİŞOĞLU A., Pavlovski K., Lehmann H., Southworth J., Bewsher D.
MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY, vol.481, no.4, pp.5660-5674, 2018 (SCI-Expanded)
- VIII. The Dynamical Mass and Evolutionary Status of the Type II Cepheid in the Eclipsing Binary System OGLE-LMC-T2CEP-211 with a Double-ring Disk
Pilecki B., DERVİŞOĞLU A., Gieren W., Smolec R., Soszynski I., Pietrzynski G., Thompson I. B., Taormina M.
ASTROPHYSICAL JOURNAL, vol.868, no.1, 2018 (SCI-Expanded)
- IX. Tracing CNO exposed layers in the Algol-type binary system u Her
Kolbas V., DERVİŞOĞLU A., Pavlovski K., Southworth J.
MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY, vol.444, no.4, pp.3118-3129, 2014 (SCI-Expanded)
- X. Absolute properties of the neglected eclipsing B-type binary HD 194495
ÇAKIRLI Ö., DERVİŞOĞLU A., SİPAHİ E., İbanoglu C.
NEW ASTRONOMY, vol.17, no.2, pp.215-220, 2012 (SCI-Expanded)
- XI. Carbon deficiencies in the primaries of some classical Algols
İbanoglu C., DERVİŞOĞLU A., ÇAKIRLI Ö., SİPAHİ E., YÜCE K.
MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY, vol.419, no.2, pp.1472-1479, 2012 (SCI-Expanded)
- XII. V1898 CYGNI: AN INTERACTING ECLIPSING BINARY IN THE VICINITY OF NORTH AMERICA NEBULA
DERVİŞOĞLU A., ÇAKIRLI Ö., İbanoglu C., SİPAHİ E.
REVISTA MEXICANA DE ASTRONOMIA Y ASTROFISICA, vol.47, no.2, pp.297-307, 2011 (SCI-Expanded)
- XIII. THE ABSOLUTE PARAMETERS FOR NSVS 11868841 AND THE OVERSIZED STARS IN LOW-MASS

- ECLIPSING BINARIES**
- ÇAKIRLI Ö., İbanoglu C., DERVİŞOĞLU A.
REVISTA MEXICANA DE ASTRONOMIA Y ASTROFISICA, vol.46, no.2, pp.355-365, 2010 (SCI-Expanded)
- XIV. **Spin angular momentum evolution of the long-period Algols**
DERVİŞOĞLU A., Tout C. A., İbanoglu C.
MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY, vol.406, no.2, pp.1071-1083, 2010 (SCI-Expanded)
- XV. **Is NP Aqr a new near-contact binary?**
İbanoglu C., ÇAKIRLI Ö., DERVİŞOĞLU A.
NEW ASTRONOMY, vol.15, no.4, pp.373-379, 2010 (SCI-Expanded)
- XVI. **Angular momentum evolution of Algol binaries**
İbanoglu C., Soydugan F., Soydugan E., DERVİŞOĞLU A.
MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY, vol.373, no.1, pp.435-448, 2006 (SCI-Expanded)

Books & Book Chapters

- I. **Evreni Anlama Serüveni**
EKER Z., AK T., ÇAKIRLI Ö., BOSTANCI GÜVER Z. F., DERVİŞOĞLU A., AK S., SOYDUGAN E.
NOBEL AKADEMİK, Ankara, 2017

Refereed Congress / Symposium Publications in Proceedings

- I. **Erken Tür Yıldızlar ve Yarı-Ayırık Sistemlerde CII 4267 Å Çizgisinin Eşdeğer Genişlik Kalibrasyonu**
dülger m., DERVİŞOĞLU A.
XX. Ulusal Astronomi Kongresi, Turkey, 5 - 09 September 2016
- II. **RV Tauri türü Post-AGB Yıldızların Alfa-element Bolluk Analizleri: ATLAS9 vs TLUSTY**
YOLALAN G., ŞAHİN T., Dülgerli M., DERVİŞOĞLU A.
21. Ulusal Astronomi Kongresi, Turkey, 3 - 07 September 2018
- III. **Constraining thermohaline mixing inAlgol-type systems with the surfacecarbon to nitrogen abundance ratio**
DERVİŞOĞLU A., Pavlovski K., Southworth J., Lehmann H.
The IMPACT of BINARIES on STELLAR EVOLUTION, Garching, Germany, 3 - 07 July 2017

Supported Projects

- KIRAN E., NASIROĞLU İ., ÖZDÖNMEZ A., YEŞİLYAPRAK C., ER H., DERVİŞOĞLU A., Project Supported by Higher Education Institutions, Ayırık ve Yarı Ayırık Örten Çift Yıldız Sistemleri ve Yaşanabilir Bölgeler, 2023 - Continues
- NASIROĞLU İ., DERVİŞOĞLU A., ÖZDÖNMEZ A., YEŞİLYAPRAK C., ER H., Project Supported by Higher Education Institutions, Atatürk Üniversitesi Yıldız ve Ötegezegen Sistemleri Araştırma Programı (ATAÜNİ YÖGAP), 2022 - Continues
- Dervişoğlu A., Çakırlı Ö., Şahin T., TUBITAK Project, Yarı-Ayırık Algollerin Evrim Durumları, 2022 - 2025
- Akkaya Oralhan İ., Dervişoğlu A., Project Supported by Higher Education Institutions, Açık Yıldız Kümelerinin Tayfsal Analizi, 2021 - 2023
- Dervişoğlu A., Akkaya Oralhan İ., Project Supported by Higher Education Institutions, PostAGB Evresindeki RV Tauri Türü Yıldızlarının Kepler ve TESS Temelli Zonklama Özelliklerinin Tespiti ve Doğası, 2020 - 2023
- Dervişoğlu A., Pavlovski K., Universities of Other Countries Supported Project, Stars and dust: structure, composition and interaction, 2015 - 2019
- Dervişoğlu A., TUBITAK Project, Yarı Ayırık Algol Sistemlerde Tayf Çözümleme Yöntemi İle Bileşenlerin Kimyasal Bolluklarının Bulunması, 2013 - 2017
- İbanoğlu C., TUBITAK Project, Klasik Algol Dizgelerinde Kimyasal Elementlerin Göreli Bolluklarının Tayini, 2010 - 2012

Activities in Scientific Journals

İstanbul Üniversitesi Fen Fakültesi Astronomi ve Fizik Dergisi, Publication Committee Member, 2022 - Continues

Scientific Refereeing

İstanbul Üniversitesi Fen Fakültesi Astronomi ve Fizik Dergisi, National Scientific Refreed Journal, November 2023

Metrics

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