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Education Information

Post Doctorate, Poland 2018 - 2020

Doctorate, Canakkale Onsekiz Mart University, Fen Bilimleri Enstitüsü, Fizik, Turkey 2011 - 2017

Foreign Languages

English, C1 Advanced

Italian, A1 Beginner

Certificates, Courses and Trainings

Education Management and Planning, ESO/OPTICON/IAU Summer School On Modern Instruments, Their Science Case and Practical Data Reduction, Astronomical Institute of the Czech Academy of Sciences, 2015

Education Management and Planning, Software Systems For Astronomy, Institute Astronomical Observatory of Adam Mickiewicz University, 2014

Dissertations

Doctorate, A/F TAYF TÜRÜ ZONKLAYAN YILDIZLARIN FOTOMETRİK VE TAYFSAL ÇALIŞMASI, Canakkale Onsekiz Mart University, Fen Bilimleri Enstitüsü, Fizik, 2017

Postgraduate, Seçilmiş Bazı Beta Cephei Yıldızlarının Frekans Analizi, Canakkale Onsekiz Mart University, Fen Bilimleri Enstitüsü, Uzay Bilimleri Ve Teknolojileri, 2011

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- III. **Single-lined eclipsing binaries with δ Scuti components: GQ Dra, RR Lep, and TYC 683-640-1**
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- IV. **Discovery of delta Scuti variables in eclipsing binary systems II. Southern TESS field search**
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- V. **Comprehensive spectroscopic and photometric study of pulsating eclipsing binary star AI Hya**
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- VII. **Discovery of new Delta Scuti Stars**
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- VIII. **Candidate eclipsing binary systems with a Delta Scuti star in Northern TESS field**
Kahraman Aliçavuş F., Gumus D., Kirmizitas O., Ekinici O., Cavus S., Kaya Y. T., Alicavus F.
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- IX. **Mass transfer and tidally tilted pulsation in the Algol-type system TZ Dra**
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- XIII. **The evolutionary status of chemically peculiar eclipsing binary star DV Boo**
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Antoci V., Cunha M. S., Bowman D. M., Murphy S. J., Kurtz D. W., Bedding T. R., Borre C. C., Christophe S., Daszynska-Daszkiewicz J., Fox-Machado L., et al.
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- XVIII. Detailed spectroscopic and photometric study of three detached eclipsing binaries**
Alicavus F., Alicavus F.
MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY, vol.488, no.4, pp.5279-5289, 2019 (SCI-Expanded)
- XIX. Asteroseismology of Massive Stars with the TESS Mission: The Runaway beta Cep Pulsator PHL 346=HN Aqr**
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- XXII. An astrometric and spectroscopic study of the delta Scuti variable HD 21190 and its wide companion CPD-83A degrees A 64B**
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- I. Spectroscopy of a chemically peculiar Delta Scuti-type star: 60 Tau**
KAHRAMAN F.
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- II. Low-metallicity pulsating stars in the LAMOST DR1 and WASP**
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- IV. New CCD minima times for selected eclipsing binaries**
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- V. ABSOLUTE PARAMETERS AND PHOTOMETRIC PROPERTIES OF V1073 CYG AND V357 PEG**

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Balkan Physics Letters, no.21, pp.251-256, 2013 (Peer-Reviewed Journal)

VI. EVOLUTION OF CONTACT BINARIES TO RED NOVA: An example of Nova Sco 2008 and its progenitor V1309 Sco

KAHRAMAN F., Aliçavuş F., Demircan O.

Balkan Physics Letters, no.21, pp.160-163, 2013 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

I. Ambiguous Case of the V1216 Sco eclipsing binary

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II. AN ALGORITHM FOR DETECTION ECLIPSING BINARY SYSTEMS

Çoban G. Ç., Kahraman Aliçavuş F.

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VIII. MX Pav ve CZ Aqr Sistemlerinin TESS Verileri ile Fotometrik İncelenmesi

Ekinci Ö., Kahraman Aliçavuş F.

22. Ulusal Astronomi Kongresi, İzmir, Turkey, 6 - 08 September 2022, vol.1, pp.1

IX. Zonklayan bileşenli örten çift yıldız adayları

Doğan D. S., Kırmızıtaş Ö., Kahraman Aliçavuş F.

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X. Zonklama Tutsaklaması Gösteren Bir Elipsoidal Değişen

Kahraman Aliçavuş F., Handler G., Aliçavuş F., Kumar Sahoo S., De Cat P., Leone F., Giarrusso M., Munari M., Catanzaro G.

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XI. Study of pulsational variability and spectroscopy of some TESS CP stars

Kahraman Aliçavuş F., Aliçavuş F., Özkardeş B.

TURKISH PHYSICAL SOCIETY 38TH INTERNATIONAL PHYSICS CONGRESS, Muğla, Turkey, 31 August - 04 September 2022, vol.1, pp.1

- XII. **Evolutionary Status of Some Pulsating Eclipsing Binaries**
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TURKISH PHYSICAL SOCIETY 38TH INTERNATIONAL PHYSICS CONGRESS, Muğla, Turkey, 31 August - 04 September 2022, vol.1, pp.1
- XIII. **Tek Taraflı Zonklayan Yıldızlar**
Kahraman Aliçavuş F.
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- XIV. **Analysis of a new eclipsing binary with a Delta Scuti component**
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- XVII. **Analysis of a TESS field oEA system TZ Dra**
Kahraman Aliçavuş F.
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- XVIII. **TESS PHOTOMETRY OF AN OEA STAR: UZ SGE**
Özkardeş B., Kahraman Aliçavuş F., Ekinci Ö.
TURKISH PHYSICAL SOCIETY 37TH INTERNATIONAL PHYSICS CONGRESS, Muğla, Turkey, 1 - 05 September 2021, pp.178
- XIX. **Detailed Analysis of Two Eccentric Binary Stars Observed by TESS**
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Kahraman F.
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KAHRAMAN F., ALIÇAVUŞ F.
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- XXVII. **Spectroscopic analysis of A and F stars observed in the K2 fields**
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- XXXVIII. **Absolute Parameters and Photometric Properties of V1073 Cyg and V357 Peg**
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- XXXIX. **V1073 Cyg ve V357 Peg'in Mutlak Parametreleri ve Fotometrik Özellikleri**
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Supported Projects

Kahraman Aliçavuş F., Çelik Orhan Z., Aliçavuş F., TUBITAK Project, Gözlemsel Ve Teorik Yaklaşımlarla Delta Scuti Değişenlerinde Metal Bolluğu Ve Yaş Etkileşimi, 2024 - 2026

Kahraman Aliçavuş F., TUBITAK Project, Are Mercury Manganese stars ancestors of metallic A stars?, 2024 - 2025

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ALİÇAVUŞ F., KAHRAMAN F., SOYDUGAN F., Project Supported by Higher Education Institutions, Bazı TESS Ayrık Çift Yıldızlarının Evrim Durumlarının İncelenmesi, 2019 - 2022

KAHRAMAN ALİÇAVUŞ F., ALİÇAVUŞ F., Project Supported by Higher Education Institutions, Tutulma Gösteren Bazı Çift Sistemlerin Tayfsal ve Fotometrik Çalışması, 2018 - 2019

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Soydugan E., Püsküllü Ç., Soydugan F., TUBİTAK Project, Delta Scuti Bileşenli Örtlen Çift Sistemlerin Zonklama Özelliklerinin Belirlenmesi, 2007 - 2010

Scientific Refereeing

Turkish Journal of Astronomy and Astrophysics , National Scientific Refreed Journal, April 2024

ASTRONOMY AND ASTROPHYSICS, SCI Journal, March 2024

NEW ASTRONOMY, SCI Journal, July 2023

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OSMANİYE KORKUT ATA ÜNİVERSİTESİ FEN BİLİMLERİ ENSTİTÜSÜ DERGİSİ (ONLINE), National Scientific Refreed Journal, March 2022

AFYON KOCATEPE ÜNİVERSİTESİ FEN VE MÜHENDİSLİK BİLİMLERİ DERGİSİ, National Scientific Refreed Journal, July 2021

TURKISH JOURNAL OF PHYSICS, National Scientific Refreed Journal, May 2021

ASTRONOMY & ASTROPHYSICS, SCI Journal, February 2021

Astronomy and Astrophysics, SCI Journal, May 2020

The Astronomical Journal , SCI Journal, April 2019

Scientific Consultations

TÜBİTAK, Project Consultancy, Canakkale Onsekiz Mart University, Fen Fakültesi, Fizik, Turkey, 2022 - 2022

TÜBİTAK, Project Consultancy, Canakkale Onsekiz Mart University, Fen Fakültesi, Fizik, Turkey, 2021 - 2021

Metrics

Publication: 85

Citation (WoS): 223

Citation (Scopus): 194

H-Index (WoS): 10

H-Index (Scopus): 9

Invited Talks

Spectroscopy's Role in Stellar Astrophysics, Seminar, Instituto de Astrofísica de Andalucía, Spain, May 2024

Mass Transfer Effect on the Pulsations in Algol-type Systems, Workshop, Société astronomique de France , France,
November 2023

Scholarships

Yaz Okulu (Summer School), Other International Organizations, 2015 - Continues

Lisans Öğrencileri Yaz Programı, Other Government Agencies, 2008 - Continues

Post doctoral reseacher, Other International Organizations, 2018 - 2020

2214-A Yurt Dışı Araştırma Bursu, TUBITAK, 2014 - 2015

2211-C Öncelikli Alanlar Doktora Bursu, TUBITAK, 2014 - 2015