

# DOĐUŐ ÖZUYAR

## ARAŐTIRMA GÖREVLİSİ DOKTOR

<b>E-Posta Adresi</b>	:	dozuyar@ankara.edu.tr
<b>Telefon (İő)</b>	:	312 212 6720-1325
<b>Telefon (Cep)</b>	:	0541 951 5477
<b>Faks</b>	:	
<b>Adres</b>	:	Ankara Üni., Fen Fakültesi, Astronomi ve Uzay Bilimleri Bölümü E Blok, 2. Kat, Oda No: 206, 06100 Tandođan/ANKARA

### Öđrenim Bilgisi :

Doktora	The University of Birmingham School of Physics and Astronomy
2010 – 2015	Tez adı: Photometric Investigations of Several Early-Type Variable Stars Using The STEREO Satellite (2015) Tez Danıőmanı: Ian R. STEVENS
Yüksek Lisans	Ankara Üniversitesi Fen Fakültesi/Astronomi ve Uzay Bilimleri Bölümü/Genel Astronomi Anabilim Dalı
2004 – 2007	Tez adı: W UMa Türü Deđen Çift U Pegasi'nin Iőık Eđrisi ve Dönem Analizi (2007) Tez Danıőmanı: Selim O. Selam
Lisans	Ankara Üniversitesi Fen Fakültesi/Astronomi ve Uzay Bilimleri Bölümü/Genel Astronomi Anabilim Dalı
2000 – 2004	
Lisans (Yandal)	Ankara Üniversitesi Fen Fakültesi/ Fizik Anabilim Dalı
2000 – 2004	

### Görevler :

ARAŐTIRMA GÖREVLİSİ 2015 -	Ankara Üniversitesi Fen Fakültesi/Astronomi ve Uzay Bilimleri Bölümü/Fizik Anabilim Dalı
ÖđRETİM GÖREVLİSİ (DR) 2017 - 2018	Ankara Üniversitesi Fen Fakültesi/Astronomi ve Uzay Bilimleri Bölümü/Astrofizik Anabilim Dalı (geçici görevlendirme)
ARAŐTIRMA GÖREVLİSİ 2010 - 2014	The University of Birmingham College of Sciences/School of Physics and Astronomy/Astrophysics
ARAŐTIRMA GÖREVLİSİ 2009 - 2010	The University Of Texas at Arlington College of Science/Department of Physics

## İdari Görevler :

Fen Fakültesi  
Tanıtım Komisyonu Üyeliği  
2016 – 2019

Ankara Üniversitesi  
Fen Fakültesi

Ders İçeriği Güncelleme  
Komisyonu Üyeliği  
2017 - 2019

Ankara Üniversitesi  
Fen Fakültesi/Astronomi ve Uzay Bilimleri Bölümü

Eğitsel ve Popüler etkinlik  
Düzenleme Komisyonu Üyeliği  
2019 - 2021

Ankara Üniversitesi  
Astronomi ve Uzay Bilimleri Araştırma ve Uygulama Merkezi

Hurda  
Komisyonu Üyeliği  
2019

Ankara Üniversitesi  
Fen Fakültesi/Astronomi ve Uzay Bilimleri Bölümü

## Dersler :

2017 – 2018	Kozmoloji (Türkçe – 4 saat)
2018 – 2019	Yüksek Enerji Astrofiziği (Türkçe – 2 saat)
2019 – 2020	Yüksek Enerji Astrofiziği (Türkçe – 2 saat)
2020 – 2021	Kozmoloji (Türkçe – 4 saat)

## Eserler :

### A. Ulusal ve Uluslararası hakemli dergilerde yayımlanan makaleler:

- Balona, L. A.; **Ozuyar, D.** (2021). TESS observations of Be stars: general characteristics and the impulsive magnetic rotator model. *Astrophysical Journal*. (**Yayın aşamasında**)
- Holdsworth, D. L.; Cunha, M. S.; Kurtz, D. W.; Antoci, V.; Hey, D. R.; Bowman, D. M.; Kobzar, O.; Buzasi, D. L.; Kochukhov, O.; Niemczura, E.; **Ozuyar, D.**; Shi, F.; Szabó, R.; Samadi-Ghadim, A.; Bognár, Zs; Fox-Machado, L.; Khalack, V.; Lares-Martiz, M.; Lovekin, C. C.; Mikołajczyk, P.; Mkrtichian, D.; Pascual-Granado, J.; Paunzen, E.; Richey-Yowell, T.; Sódor, Á.; Sikora, J.; Yang, T. Z.; Brunnsden, E.; David-Uraz, A.; Derekas, A.; García Hernández, A.; Guzik, J. A.; Hatamkhani, N.; Handberg, R.; Lambert, T. S.; Lampens, P.; Murphy, S. J.; Monier, R.; Pollard, K. R.; Quitral-Manosalva, P.; Ramón-Ballesta, A.; Smalley, B.; Stateva, I.; Vanderspek, R. (2021). TESS cycle 1 observations of roAp stars with 2-min cadence data. *Monthly Notices of the Royal Astronomical Society*, Volume 506, Issue 1, pp.1073-1110. DOI: 10.1093/mnras/stab1578.
- Thomas, Joshua D.; Richardson, Noel D.; Eldridge, J. J.; Schaefer, Gail H.; Monnier, John D.; Sana, Hugues; Moffat, Anthony F. J.; Williams, Peredur; Corcoran, Michael F.; Stevens, Ian R.; Weigelt, Gerd; Zainol, Farrah D.; Anugu, Narsireddy; Le Bouquin, Jean-Baptiste; ten Brummelaar, Theo; Campos, Fran; Couperus, Andrew; Davies, Claire L.; Ennis, Jacob; Eversberg, Thomas; Garde, Oliver; Gardner, Tyler; Fló, Joan Guarro; Kraus, Stefan; Labdon, Aaron; Lanthermann, Cyprien; Leadbeater, Robin; Lester, T.; Maki, Courtney; McBride, Brendan; **Ozuyar, Dogus**; Ribeiro, J.; Setterholm, Benjamin; Stober, Berthold; Wood, Mackenna; Zurmühl, Uwe. (2021). The orbit and stellar masses of the archetype colliding-wind binary WR 140. *Monthly Notices of the Royal Astronomical Society*, Volume 504, Issue 4, pp.5221-5230. DOI: 10.1093/mnras/stab1181.
- Plachy, E.; Pál, A.; Bódi, A.; Szabó, P.; Molnár, L.; Szabados, L.; Benkő, J. M.; Anderson, R. I.; Bellinger, E. P.; Bhardwaj, A.; Ebadi, M.; Gazeas, K.; Hamsch, F. -J.; Hasanzadeh, A.; Jurkovic, M. I.; Kalaei, M. J.; Kervella, P.; Kolenberg, K.; Mikołajczyk, P.; Nardetto, N.; Nemeč, J. M.; Netzel, H.; Ngeow, C. -C.; **Ozuyar, D.**; Pascual-Granado, J.; Pilecki, B.; Ripepi, V.; Skarka, M.; Smolec, R.; Sódor, Á.; Szabó, R.; Christensen-Dalsgaard, J.; Jenkins, J. M.; Kjeldsen, H.; Ricker, G. R.; Vanderspek, R. (2021). TESS Observations of Cepheid Stars: First Light Results. *The Astrophysical Journal Supplement Series*, Volume 253, Issue 1, article id. 11, 24 pp. DOI: 10.3847/1538-4365/abd4e3.
- Balona, L. A.; **Ozuyar, D.** (2020). Pulsation among TESS A and B stars and the Maia variables. *Monthly Notices of the Royal Astronomical Society*, Volume 493, Issue 4, pp.5871-5879. DOI: 10.1093/mnras/staa670.
- Balona, L. A.; **Ozuyar, D.** (2020). TESS observations of Be stars: a new interpretation. *Monthly Notices of the Royal Astronomical Society*, Volume 493, Issue 2, pp.2528-2544. DOI: 10.1093/mnras/staa389.

7. Özavcı, İ.; **Özuyar, D.**; Şenavcı, H. V.; Yılmaz, M.; Bahar, E.; Baştürk, Ö.; Kılıçoğlu, T.; Elmaslı, A.; Çalışkan, Ş.; İzci, D. D.; Yörükoğlu, O.; Selam, S. O. (2020). Orbital Period Analysis of Four Eclipsing Binaries XY Boo, RW Com, MR Del and AK Her. *Acta Astronomica*, vol 70, no 1, p. 33-52. DOI: 10.32023/0001-5237/70.1.3.
8. Ozavci, I.; Bahar, E.; Izci, D. D.; **Ozuyar, D.**; Karadeniz, O.; Yorukoglu, O.; Sarigul, H.; Gocmen, G.; Uzuncam, E.; Yalcinkaya, S.; Sayar, B.; Torun, S.; Uzumcu, M. A.; Azizoglu, B. S.; Nasolo, Y.; Yilmaz, M.; Senavci, H. V.; Kilicoglu, T.; Basturk, O.; Elmasli, A.; Caliskan, S.; Selam, S. O.; Ekmekci, F.; Demirel, O. (2019). A list of minima times of some eclipsing binaries. *Open European Journal on Variable stars*, Vol. 203, p. 1.
9. Balona, L. A.; Handler, G.; Chowdhury, S.; **Ozuyar, D.**; Engelbrecht, C. A.; Mirouh, G. M.; Wade, G. A.; David-Uraz, A.; Cantiello, M. (2019). Rotational modulation in TESS B stars. *Monthly Notices of the Royal Astronomical Society*, Volume 485, Issue 3, p.3457-3469, DOI: 10.1093/mnras/stz586
10. **Ozuyar, D.**; Caliskan, S.; Stevens, I. R.; Elmasli, A (2018). Photometric and spectroscopic variability of the Be star 48 Lib: The relation between photometric variations and rotation. *Astrophysics and Space Science*, Volume 35, e034, 10 pages, DOI: 10.1017/pasa.2018.38
11. **ÖZUYAR DOĞUŞ** (2018). Frequency Analysis of a Potential SPB Star Eta Tau., Süleyman Demirel University Faculty of Arts and Sciences Journal of Science, Volume 13, Number 2, Pages 72-82, DOI: 10.29233/sdufeffd.440797
12. **ÖZUYAR DOĞUŞ** (2018). PHOTOMETRIC AND SPECTROSCOPIC VARIABILITY OF A POSSIBLE  $\beta$  CEPHEI STAR; V960 TAU. *Commun.Fac.Sci.Univ.Ank.Series A2-A3*, Volume 60, Number 2, Pages 27-40, DOI: 10.1501/commua1-2\_0000000113
13. **ÖZUYAR DOĞUŞ** (2018). STEREO observations of hybrid stars V775 Tau and V483 Tau. *Astrophysics and Space Science*, Volume 363, Issue 10, article id. 205, 15 pp. DOI: 10.1007/s10509-018-3430-y
14. **OZUYAR, DOGUS; ELMASLI, ASLI; CALISKAN, SEYMA** (2018). The Period Analysis of the Hierarchical System DI Peg. *IBVS(6252)*, DOI: 10.22444/IBVS.6252
15. **OZUYAR, DOGUS; STEVENS, IAN R.** (2018). The Period Evolution of V473 Tau. *IBVS(6245)*, DOI: 10.22444/IBVS.6245
16. **ÖZUYAR DOĞUŞ, ŞENER TUGCA H, STEVENS IAN R.** (2018). Photometric Variability of the mCP Star CS Vir: Evolution of the Rotation Period. *Publications of the Astronomical Society of Australia*, 35, Doi: 10.1017/pasa.2017.69 (Yayın No: 4179915)
17. **ÖZUYAR DOĞUŞ, ELMASLI AKÇAR ASLI, ÇALIŞKAN TÜRKSOY ŞEYMA** (2017). REFINED CHEMICAL ABUNDANCES OF  $\pi$  DRA AND HR7545 WITH ATLAS12. *IJRST*, 7(3), 79-84. (Yayın No: 3614326)
18. BAHAR ENGIN, YORUKOGLU ONUR, ESMER EKREM MURAT, KILIÇOĞLU TOLGAHAN, ÖZTÜRK DERYA, DOĞRUEL MUSTAFA BURAK, **ÖZUYAR DOĞUŞ**, GÜMÜŞ DAMLA, İZCİ DİDEM DİLAN, BURAK KETEN, TEZCAN CİHAN TUĞRUL, ŞENAVCI HAKAN VOLKAN, YILMAZ MESUT, BAŞTÜRK ÖZGÜR, SELAM SELİM OSMAN, EKMEKÇİ FEHMİ, ALBAYRAK BERAHİTDİN, ÇALIŞKAN TÜRKSOY ŞEYMA, ELMASLI AKÇAR ASLI (2017). Times of Minima of Some Eclipsing Binaries. *Information Bulletin on Variable Stars*, 6209, 1-3., Doi: 10.22444/IBVS.6209 (Yayın No: 3715709)
19. **Ozuyar, D.**; Stevens, I. R.; Whittaker, G.; Sangaralingam, V. (2016). STEREO observations of HD90386 (RX Sex): a  $\delta$ -Scuti or a hybrid star? *Journal of Physics: Conference Series*, Volume 707, Issue 1, article id. 012041. Doi: 10.1088/1742-6596/707/1/012041
20. ELMASLI AKÇAR ASLI, SELAM SELİM OSMAN, ALBAYRAK BERAHİTDİN, **ÖZUYAR DOĞUŞ** (2006). Possible Light Time Effect in the Eclipsing Binary System TY Boo. *Astrophysics and Space Science*, 304(1-4), 189-190., Doi: 10.1007/s10509-006-9107-y (Yayın No: 1717076)
21. AKSU OZAN, YÜCE KUTLUAY, ŞENAVCI HAKAN VOLKAN, YILMAZ MESUT, **ÖZUYAR DOĞUŞ** (2005). Photoelectric Minima of Some Eclipsing Binary Stars. *IBVS(5588)*, 1 (Yayın No: 1717166)

## B. Ulusal ve Uluslararası bilimsel toplantılarda sunulan posterler ve bildiri kitaplarında (proceedings) basılan bildiriler :

1. **Özuyar Doğuş** (2021). TESS photometry of a known and two candidate roAp stars. TOKYO SUMMIT 3rd International Conference on Innovative Studies of Contemporary Sciences, Tokyo (Sözlü sunum)
2. **Özuyar Doğuş** (2020). ANALYSIS OF SOME TESS DATA SUPPORTING THE SUGGESTED MAGNETIC ROTATOR MODEL FOR CLASSICAL Be STARS. 1. ULUSLARARASI HAZAR BİLİMSEL ARAŞTIRMALAR KONGRESİ, Azerbaycan (Sözlü sunum)
3. **Özuyar Doğuş**, Balona Luis (2019). STEREO Observations of Be Stars. Stars and their Variability Observed from Space-Celebrating the 5th Anniversary of BRITTE Constellation Conference, Avusturya (Poster)
4. **Özuyar Doğuş**, Çalışkan Şeyma, Kılıçoğlu Tolgahan, Bonifacio Piercarlo, Caffau Elisabetta (2019). Current Results of the New Metallicity Calibration Method for EMP Stars, CEMP Stars as Probes of First-Star Nucleosynthesis, the IMF, and Galactic Assembly, İsviçre (Sözlü sunum)
5. László Molnár<sup>1</sup>, Emese Plachy<sup>1</sup>, András Pál<sup>1,2</sup>, TASC WG6: K. Kolenberg & R. Szabó; R.I. Anderson, J.M. Benkő, A. Bhardwaj, A. Bódi, M.Ebadi, K. Gazeas, F-J. Hambsh, A. Hasanzadeh, J-B, Jeon, M. Jurkovic, M.J. Kalae, P. Kervella, C. Kuehn, P. Mikolajczyk, N. Nardetto, J.M. Nemeč, H. Netzel, C-C. Ngeow, **D. Ozuyar**, J. Pascual-Granado, J. Pepper, Z. Prudil, V. Ripepi, M. Skarka, R. Smolec, Á. Sódor, S. Sylla, L. Szabados, P. Szabó (2019). First TESS results on Cepheid and RR Lyrae stars: towards asteroseismic inferences, TESS Science Conference I, Cambridge (Poster)
6. **Özuyar Doğuş**, Gümüş Sevilay, Karadeniz Oğuzhan, Varol Özge (2016). The Installation Costs of a Satellite and Space Shuttle Launch Complex as a Public Expenditure Project. 2nd International Annual Meeting of Sosyoekonomi Society (Özet Bildiri/Sözlü Sunum)(Yayın No:2933209)
7. **Ozuyar Dogus** (2016). Preface: Proceedings of the Turkish Physical Society 32nd International Physics Congress. Turkish Physical Society 32nd International Physics Congress, Doi: 10.1063/1.4976343 (Özet Bildiri/Poster)(Yayın No:3324283)
8. Çalışkan Şeyma, Kılıçoğlu Tolgahan, **Özuyar Doğuş**, Bonifacio Piercarlo, Caffau Elisabetta (2016). Preliminary test results A new metallicity calibration using ugrCaK photometry for EMP stars. first stars V (Özet Bildiri/Poster)(Yayın No:3338731)
9. **Özuyar Doğuş**, Stevens Ian (2016). The Be Phenomenon In The Mono Periodic STEREO Star 13Tau. The B(e) phenomenon:Forty years of studies, 1(508) (Tam Metin Bildiri/Sözlü Sunum)(Yayın No:3330592)
10. **Özuyar Doğuş**, Stevens I R, Whittaker Gemma, Sangaralingam Vinothini (2016). STEREO observations of HD 90386 RX Sex a Delta Scuti or a hybrid star. INTERNATIONAL PHYSICS CONFERENCE AT THE ANATOLIAN PEAK, 707, 12041, Doi: 10.1088/1742-6596/707/1/012041 (Tam Metin Bildiri/Sözlü Sunum)(Yayın No:2933011)

## C. Kitap ve Kitap Bölümleri :

1. Photometric Investigations of Several Early-Type Variable Stars Using The Stereo Satellite, **Dogus Ozuyar**, Ekin Yayınevi (2020) ISBN:978-625-7983-88-4
2. Yeni Güvenlik Anlayışı, Uzay ve Uzay Güvenliği, **Dogus Ozuyar**, Orion Kitabevi (2021) (Kitap bölümü - Basım aşamasında)

## D. Atıflar:

1. Yayın: TESS observations of Be stars: general characteristics and the impulsive magnetic rotator model (2021). Atif veren: Automated Photometry of  $\gamma$  Cassiopeiae: The Last Roundup. Smith, M. A.; Henry, G. W. The Astrophysical Journal, Volume 915, Issue 1, id.13, 12 pp. (2021)
2. Yayın: TESS cycle 1 observations of roAp stars with 2-min cadence data (2021). Atif veren: Discovery of multiple p-mode pulsation frequencies in the roAp star, HD 86181. Shi, Fangfei; Kurtz, Donald W.; Holdsworth, Daniel L.; Saio, Hideyuki; Cunha, Margarida S.; Zhang, Huawei; Fu, Jianning; Handler, G. Monthly Notices of the Royal Astronomical Society, Advance Access. (2021)
3. Yayın: The orbit and stellar masses of the archetype colliding-wind binary WR 140 (2021). Atif veren: Conditions in the WR 140 wind-collision region revealed by the 1.083- $\mu$  m He I line profile. Williams, Peredur

- M.; Varricatt, Watson P.; Chené, André-Nicolas and 10 more. *Monthly Notices of the Royal Astronomical Society*, Volume 503, Issue 1, pp.643-659 (2021)
4. Yayın: The orbit and stellar masses of the archetype colliding-wind binary WR 140 (2021). Atf veren: The First Dynamical Mass Determination of a Nitrogen-rich Wolf-Rayet Star Using a Combined Visual and Spectroscopic Orbit. Richardson, Noel D.; Lee, Laura; Schaefer, Gail and 11 more. *The Astrophysical Journal Letters*, Volume 908, Issue 1, id.L3, 10 pp. (2021)
  5. Yayın: TESS Observations of Cepheid Stars: First Light Results (2021). Atf veren: Frequency analysis of OGLE-IV photometry for classical Cepheids in Galactic fields: non-radial modes and modulations. Rathour, Rajeev Singh; Smolec, Radosław; Netzel, Henryka. *Monthly Notices of the Royal Astronomical Society*, Volume 505, Issue 4, pp.5412-5426 (2021)
  6. Yayın: TESS Observations of Cepheid Stars: First Light Results (2021). Atf veren: Cepheids with Giant Companions. I. Revealing a Numerous Population of Double-lined Binary Cepheids. Pilecki, Bogumił; Pietrzyński, Grzegorz; Anderson, Richard I.; Gieren, Wolfgang; Taormina, Mónica; Narloch, Weronika; Evans, Nancy R.; Storm, Jesper. *The Astrophysical Journal*, Volume 910, Issue 2, id.118, 9 pp. (2021)
  7. Yayın: TESS Observations of Cepheid Stars: First Light Results (2021). Atf veren: Photometric and Spectroscopic Investigations of the Galactic Field RRc Candidates V764 Mon and HY Com. Benkő, J. M.; Sódor, Á.; Pál, A. *Acta Astronomica*, vol 71, no 1, p. 55-71 (2021)
  8. Yayın: Pulsation among TESS A and B stars and the Maia variables (2020). Atf veren: TESS survey of rotational and pulsational variability of mercury-manganese stars. Kochukhov, O.; Khalack, V.; Kobzar, O.; Neiner, C.; Paunzen, E.; Labadie-Bartz, J.; David-Uraz, A. eprint arXiv:2107.09096. (2021)
  9. Yayın: Pulsation among TESS A and B stars and the Maia variables (2020). Atf veren: Overstable convective modes in rotating early-type stars. Lee, Umin. *Monthly Notices of the Royal Astronomical Society*, Volume 505, Issue 1, pp.1495-1508 (2021)
  10. Yayın: Pulsation among TESS A and B stars and the Maia variables (2020). Atf veren: Discovery and Characterization of a Rare Magnetic Hybrid  $\beta$  Cephei Slowly Pulsating B-type Star in an Eclipsing Binary in the Young Open Cluster NGC 6193. Stassun, Keivan G.; Torres, Guillermo; Johnston, Cole; Stevens, Daniel J.; Feliz, Dax L.; Kounkel, Marina; Bouma, Luke G. *The Astrophysical Journal*, Volume 910, Issue 2, id.133, 12 pp. (2021)
  11. Yayın: Pulsation among TESS A and B stars and the Maia variables (2020). Atf veren: On the Impact of  $^{22}\text{Ne}$  on the Pulsation Periods of Carbon-Oxygen White Dwarfs with Helium-dominated Atmospheres. Chidester, Morgan T.; Timmes, F. X.; Schwab, Josiah; Townsend, Richard H. D.; Farag, Ebraheem; Thoul, Anne; Fields, C. E.; Bauer, Evan B.; Montgomery, Michael H. *The Astrophysical Journal*, Volume 910, Issue 1, id.24, 17 pp. (2021)
  12. Yayın: Pulsation among TESS A and B stars and the Maia variables (2020). Atf veren: : Spots and flares in hot main sequence stars. Balona, L. A. eprint arXiv:2008.06305. (2020)
  13. Yayın: TESS observations of Be stars: a new interpretation (2020). Atf veren: Automated Photometry of  $\gamma$  Cassiopeiae: The Last Roundup. Smith, M. A.; Henry, G. W. *The Astrophysical Journal*, Volume 915, Issue 1, id.13, 12 pp. (2021)
  14. Yayın: TESS observations of Be stars: a new interpretation (2020). Atf veren:  $\nu$  Gem: A Hierarchical Triple System with an Outer Be Star. Klement, Robert; Hadrava, Petr; Rivinius, Thomas and 17 more. *The Astrophysical Journal*, Volume 916, Issue 1, id.24, 18 pp. (2021)
  15. Yayın: TESS observations of Be stars: a new interpretation (2020). Atf veren: The A-shell star Phi Leo revisited: its photospheric and circumstellar spectra. Eiroa, C.; Montesinos, B.; Rebollido, I.; Henning, Th.; Launhardt, R.; Maldonado, J.; Meeus, G.; Mora, A.; Rivière-Marichalar, P.; Villaver, E. eprint arXiv:2106.16229. (2021)
  16. Yayın: TESS observations of Be stars: a new interpretation (2020). Atf veren: Red noise and pulsations in evolved massive stars. Nazé, Yaël; Rauw, Gregor; Gosset, Eric. *Monthly Notices of the Royal Astronomical Society*, Volume 502, Issue 4, pp.5038-5048 (2021)
  17. Yayın: TESS observations of Be stars: a new interpretation (2020). Atf veren: Short-term variability and mass loss in Be stars - VI. Frequency groups in  $\gamma$  Cas detected by TESS. Labadie-Bartz, Jonathan; Baade, Dietrich; Carciofi, Alex C.; Rubio, Amanda; Rivinius, Thomas; Borre, Camilla C.; Martayan, Christophe; Siverd, Robert J. *Monthly Notices of the Royal Astronomical Society*, Volume 502, Issue 1, pp.242-259 (2021)

18. Yayın: TESS observations of Be stars: a new interpretation (2020). Atif veren: TESS light curves of  $\gamma$  Cas stars. Nazé, Yaël; Rauw, Gregor; Pigulski, Andrzej. *Monthly Notices of the Royal Astronomical Society*, Volume 498, Issue 3, pp.3171-3183 (2020)
19. Yayın: TESS observations of Be stars: a new interpretation (2020). Atif veren: Classifying Be star variability with TESS I: the southern ecliptic. Labadie-Bartz, Jonathan; Carciofi, Alex C.; de Amorim, Tajan Henrique; Rubio, Amanda; Luiz, André; Ticiani dos Santos, Pedro; Thomson-Paressant, Keegan. eprint arXiv:2010.13905. (2020)
20. Yayın: TESS observations of Be stars: a new interpretation (2020). Atif veren: Spots and flares in hot main sequence stars. Balona, L. A. eprint arXiv:2008.06305. (2020)
21. Yayın: TESS observations of Be stars: a new interpretation (2020). Atif veren: Recipes for bolometric corrections and Gaia luminosities of B-type stars: application to an asteroseismic sample. Pedersen, May G.; Escorza, Ana; Pápics, Péter I.; Aerts, Conny. *Monthly Notices of the Royal Astronomical Society*, Volume 495, Issue 3, pp.2738-2753 (2020)
22. Yayın: TESS observations of Be stars: a new interpretation (2020). Atif veren: Periodicity Search for Pulsar Binaries with TESS. Pal, Partha Sarathi; Tam, P. H. T.; Liang, Weitang; Cao, Chengye; Li, K. L.; Hui, C. Y.; Kong, A. K. H. *The Astrophysical Journal Letters*, Volume 895, Issue 2, id.L36, 8 pp. (2020)
23. Yayın: TESS observations of Be stars: a new interpretation (2020). Atif veren: Let there be more variability in two  $\gamma$  Cas stars. Nazé, Yaël; Pigulski, Andrzej; Rauw, Gregor; Smith, Myron A. *Monthly Notices of the Royal Astronomical Society*, Volume 494, Issue 1, pp.958-974. (2020)
24. Yayın: TESS observations of Be stars: a new interpretation (2020). Atif veren: The single star path to Be stars. Hastings, Ben; Wang, Chen; Langer, Norbert. *Astronomy & Astrophysics*, Volume 633, id.A165, 14 pp. (2020)
25. Yayın: TESS observations of Be stars: a new interpretation (2020). Atif veren: Advances in Understanding High-Mass X-ray Binaries with INTEGRAL and Future Directions. Kretschmar, Peter; Fürst, Felix; Sidoli, Lara and 48 more. *New Astronomy Reviews*, Volume 86, article id. 101546. (2019)
26. Yayın: Orbital Period Analysis of Four Eclipsing Binaries XY Boo, RW Com, MR Del and AK Her (2020). Atif veren: Photometric studies of five eclipsing binaries: RS Ser, V0449 Per, MR Del, V593 Cen, and V1095 Her. Meng, Gang; Zhang, Li-yun; Han, Xianming L. and 7 more. *Monthly Notices of the Royal Astronomical Society*, Volume 503, Issue 1, pp.324-335 (2021)
27. Yayın: Orbital Period Analysis of Four Eclipsing Binaries XY Boo, RW Com, MR Del and AK Her (2020). Atif veren: Physical parameters of close binary systems: VIII. Gazeas, K.; Zola, S.; Liakos, A. and 13 more. *Monthly Notices of the Royal Astronomical Society*, Volume 501, Issue 2, pp.2897-2919 (2021)
28. Yayın: A list of minima times of some eclipsing binaries (2019). Atif veren: A Photometric Study of the Contact Binary GR Piscium. Michaels, E. J. *The Journal of the American Association of Variable Star Observers*, vol. 48, no. 2, p. 193 (2020)
29. Yayın: A list of minima times of some eclipsing binaries (2019). Atif veren: The First Light Curve Solutions and Period Study of BQ Ari. Poro, A.; Davoudi, F.; Alicavus, F. and 14 more. eprint arXiv:2006.00528 (2020)
30. Yayın: Rotational modulation in TESS B stars (2019). Atif veren: Detection of nonlinear resonances among gravity modes of slowly pulsating B stars: results from five iterative prewhitening strategies. Van Beeck, Jordan; Bowman, Dominic M.; Pedersen, May G.; Van Reeth, Timothy; Van Hoolst, Tim; Aerts, Conny. eprint arXiv:2108.02907. (2021)
31. Yayın: Rotational modulation in TESS B stars (2019). Atif veren: On the Origin of Stochastic, Low-Frequency Photometric Variability in Massive Stars. Cantiello, Matteo; Lecoanet, Daniel; Jermyn, Adam S.; Grassitelli, Luca. *The Astrophysical Journal*, Volume 915, Issue 2, id.112, 13 pp. (2021)
32. Yayın: Rotational modulation in TESS B stars (2019). Atif veren: An all-sky sample of intermediate- to high-mass OBA-type eclipsing binaries observed by TESS. IJspeert, Luc W.; Tkachenko, Andrew; Johnston, Cole; Garcia, Stefano; De Ridder, Joris; Van Reeth, Timothy; Aerts, Conny. eprint arXiv:2107.10005. (2021)
33. Yayın: Rotational modulation in TESS B stars (2019). Atif veren: Rotating convective core excites non-radial pulsations to cause rotational modulations in early-type stars. Lee, Umin; Saio, Hideyuki. *Monthly Notices of the Royal Astronomical Society*, Volume 497, Issue 4, pp.4117-4127 (2020)

34. Yayın: Rotational modulation in TESS B stars (2019). Atıf veren: A spectroscopic test of the rotational modulation origin of periodic Kepler photometric variability of A-type stars. Sikora, J.; Wade, G. A.; Rowe, J. *Monthly Notices of the Royal Astronomical Society*, Volume 498, Issue 2, pp.2456-2471 (2020)
35. Yayın: Rotational modulation in TESS B stars (2019). Atıf veren: Magnetic Fields of Chemically Peculiar and Related Stars. VI. Main Results of 2019 and Near-Future Prospects. Romanyuk, I. I. *Astrophysical Bulletin*, Volume 75, Issue 4, p.447-458 (2020)
36. Yayın: Rotational modulation in TESS B stars (2019). Atıf veren: Short-term Variability of Evolved Massive Stars with TESS. II. A New Class of Cool, Pulsating Supergiants. Dorn-Wallenstein, Trevor Z.; Levesque, Emily M.; Neugent, Kathryn F.; Davenport, James R. A.; Morris, Brett M.; Gontcharov, Keyan. *The Astrophysical Journal*, Volume 902, Issue 1, id.24, 21 pp. (2020)
37. Yayın: Rotational modulation in TESS B stars (2019). Atıf veren: The VISTA Variables in the Vía Láctea infrared variability catalogue (VIVA-I). Ferreira Lopes, C. E.; Cross, N. J. G.; Catelan, M. and 17 more. *Monthly Notices of the Royal Astronomical Society*, Volume 496, Issue 2, pp.1730-1756 (2020)
38. Yayın: Rotational modulation in TESS B stars (2019). Atıf veren: Spots and flares in hot main sequence stars. Balona, L. A. eprint arXiv:2008.06305. (2020)
39. Yayın: Rotational modulation in TESS B stars (2019). Atıf veren: Recipes for bolometric corrections and Gaia luminosities of B-type stars: application to an asteroseismic sample. Pedersen, May G.; Escorza, Ana; Pápics, Péter I.; Aerts, Conny. *Monthly Notices of the Royal Astronomical Society*, Volume 485, Issue 3, p.3457-3469 (2020)
40. Yayın: Rotational modulation in TESS B stars (2019). Atıf veren: Variability of OB stars from TESS southern Sectors 1-13 and high-resolution IACOB and OWN spectroscopy. Burssens, S.; Simón-Díaz, S.; Bowman, D. M.; Holgado, G.; Michielsen, M.; de Burgos, A.; Castro, N.; Barbá, R. H.; Aerts, C. *Astronomy & Astrophysics*, Volume 639, id.A81, 61 pp. (2020)
41. Yayın: Rotational modulation in TESS B stars (2019). Atıf veren: Detection of weak magnetic fields in two HgMn stars. Hubrig, S.; Järvinen, S. P.; Korhonen, H.; Ilyin, I.; Schöller, M.; Niemczura, E.; Chojnowski, S. D. *Monthly Notices of the Royal Astronomical Society: Letters*, Volume 495, Issue 1, pp.L97-L101 (2020)
42. Yayın: Rotational modulation in TESS B stars (2019). Atıf veren: A plague of magnetic spots among the hot stars of globular clusters. Momany, Y.; Zaggia, S.; Montalto, M.; Jones, D.; Boffin, H. M. J.; Cassisi, S.; Moni Bidin, C.; Gullieuszik, M.; Saviane, I.; Monaco, L.; Mason, E.; Girardi, L.; D'Orazi, V.; Piotto, G.; Milone, A. P.; Lala, H.; Stetson, P. B.; Beletsky, Y. *Nature Astronomy*, Volume 4, p. 1092-1101 (2020)
43. Yayın: Rotational modulation in TESS B stars (2019). Atıf veren: The Large Xenon Overabundances of the Bright HgMn stars  $\mu$  Lep and  $\beta$  Scl. Monier, Richard; Kılıçoğlu, T. *Research Notes of the AAS*, Volume 4, Issue 5, id.64 (2020)
44. Yayın: Rotational modulation in TESS B stars (2019). Atıf veren: The Abundances of Aluminum and Mercury of  $\beta$  Scl derived from its far Ultraviolet Spectrum. Monier, Richard. *Research Notes of the AAS*, Volume 4, Issue 4, id.55 (2020)
45. Yayın: Rotational modulation in TESS B stars (2019). Atıf veren: Pulsation and rotation in NGC 6811: the Kepler short-cadence stars. Rodríguez, E.; Balona, L. A.; López-González, M. J.; Ocampo, S.; Martín-Ruiz, S.; Rodríguez-López, C. *Monthly Notices of the Royal Astronomical Society*, Volume 491, Issue 3, p.4345-4364 (2020)
46. Yayın: Rotational modulation in TESS B stars (2019). Atıf veren: Evidence for spots on hot stars suggests major revision of stellar physics. Balona, L. A. *Monthly Notices of the Royal Astronomical Society*, Volume 490, Issue 2, p.2112-2116 (2019)
47. Yayın: Rotational modulation in TESS B stars (2019). Atıf veren: Activity of the Star bScl Observed by the TESS Space Telescope. Savanov, I. S. *Astrophysics*, Volume 62, Issue 4, p.513-517 (2019)
48. Yayın: Rotational modulation in TESS B stars (2019). Atıf veren: Magnetic OB[A] Stars with TESS: probing their Evolutionary and Rotational properties (MOBSTER) - I. First-light observations of known magnetic B and A stars David-Uraz, A.; Neiner, C.; Sikora, J. and 20 more. *Monthly Notices of the Royal Astronomical Society*, Volume 487, Issue 1, p.304-317 (2019)
49. Yayın: Rotational modulation in TESS B stars (2019). Atıf veren: Envelope Convection, Surface Magnetism and Spots in A- and late B-type Stars Cantiello, Matteo; Braithwaite, Jonathan, 2019arXiv190402161C

50. Yayın: Photometric and spectroscopic variability of the Be star 48 Lib: The relation between photometric variations and rotation (2018). Atf veren: Magnetic Fields in O, B, and A Stars. Hubrig, Svetlana; Schöller, Markus. ISBN: 978-0-7503-2390-1. IOP ebooks. Bristol, UK: IOP Publishing, (2021)
51. Yayın: Photometric and spectroscopic variability of the Be star 48 Lib: The relation between photometric variations and rotation (2018). Atf veren: Newly Discovered Period Changes in Two mCP Stars and Updates for Previously Published Stars. Pyper, Diane M.; Adelman, Saul J. Publications of the Astronomical Society of the Pacific, Volume 132, Issue 1008, id. 024201, 18 pp. (2020)
52. Yayın: Times of Minima of Some Eclipsing Binaries (2017). Atf veren: HL Dra: an active Algol-like binary system with a pulsating component star and a cool third body. Shi, Xiang-dong; Qian, Sheng-bang; Li, Lin-jia; Liao, Wen-ping. Monthly Notices of the Royal Astronomical Society, Volume 505, Issue 4, pp.6166-6178. (2021)
53. Yayın: Times of Minima of Some Eclipsing Binaries (2017). Atf veren: LO And: an A-subtype contact binary with a very cool third component. Huang, Hui-Ping; Yu, Yun-Xia; Yu, Ting; Hu, Ke; Xiang, Fu-Yuan. Research in Astronomy and Astrophysics, Volume 21, Issue 5, id.120, 12 pp. (2021)
54. Yayın: Times of Minima of Some Eclipsing Binaries (2017). Atf veren: Magnetic activity and orbital parameters of CC Com based on photometric data, LAMOST low- and medium-resolution spectra. Zhu, Zhong-Zhong; Zhang, Li-Yun; Meng, Gang; Cheng, Yao; Long, Liu; Han, Xianming L.; Pi, Qing-Feng; Jiang, Lin-Yan. Research in Astronomy and Astrophysics, Volume 21, Issue 4, id.084, 10 pp. (2021)
55. Yayın: Times of Minima of Some Eclipsing Binaries (2017). Atf veren: Observations, Roche Lobe Analysis, and Period Study of the Eclipsing Contact Binary System GM Canum Venaticorum. Alton, K. B.; Nelson, R. H. The Journal of the American Association of Variable Star Observers, vol. 46, no. 1, p. 43 (2018)
56. Yayın: Possible Light Time Effect in the Eclipsing Binary System TY Boo (2006). Atf veren: A critical review of period analyses and implications for mass exchange in W UMa Eclipsing Binaries: Paper 1 Nelson, R. H.; Terrell, Dirk; Milone, E. F. New Astronomy Reviews, Volume 59, p. 1-13 (2014)
57. Yayın: Possible Light Time Effect in the Eclipsing Binary System TY Boo (2006). Atf veren: A Holistic View of the W UMa Type TY Boo Christopoulou, P. -E.; Papageorgiou, A.; Vasileiadis, T.; Tsantilas, S. The Astronomical Journal, Volume 144, Issue 5, article id. 149, 12 pp. (2012).
58. Yayın: Possible Light Time Effect in the Eclipsing Binary System TY Boo (2006). Atf veren: Orbital Period Changes for the Weak-Contact Binary TY Bootis Yang, Y. -G.; Dai, J. -M.; Yin, X. -G.; Xiang, F. -Y. The Astronomical Journal, Volume 134, Issue 1, pp. 179-184 (2007)
59. Yayın: Photoelectric Minima of Some Eclipsing Binary Stars (2005). Atf veren: Magnetic Activity and Period Variation Studies of the Four W Uma-type Eclipsing Binaries: UV Lyn, V781 Tau, NSVS 4484038, and 2MASS J15471055+5302107. Lu, Hong-peng; Zhang, Li-yun; Michel, Raul; Han, Xianming L. The Astrophysical Journal, Volume 901, Issue 2, id.169, 23 pp. (2020)
60. Yayın: Photoelectric Minima of Some Eclipsing Binary Stars (2005). Atf veren: Triple Eccentric Systems V0345 Lac, YY Sgr, and DR Vul, Wolf, M.; Zasche, P.; Kučáková, H.; Mašek, M.; Hoňková, K.; Juryšek, J.; Paschke, A.; Šmelcer, L.; Zejda, M., Acta Astronomica, vol 69, no 1, p. 63-78, (2019)
61. Yayın: Photoelectric Minima of Some Eclipsing Binary Stars (2005). Atf veren: Physical Nature and Orbital Behavior of the Eclipsing System UZ Leonis Lee, Jae Woo; Park, Jang-Ho, Publications of the Astronomical Society of the Pacific, Volume 130, Issue 985, pp. 034201 (2018).
62. Yayın: Photoelectric Minima of Some Eclipsing Binary Stars (2005). Atf veren: V363 And - A Detached Eclipsing Binary Nelson, Robert H., Information Bulletin on Variable Stars, No. 6115, #1. (2014)
63. Yayın: Photoelectric Minima of Some Eclipsing Binary Stars (2005). Atf veren: Unification of Binary Star Ephemeris Solutions Wilson, R. E.; Van Hamme, W., The Astrophysical Journal, Volume 780, Issue 2, article id. 151, 17 pp. (2014).
64. Yayın: Photoelectric Minima of Some Eclipsing Binary Stars (2005). Atf veren: Deep, Low-mass Ratio Overcontact Binary Systems. XII. CK Bootis with Possible Cyclic Magnetic Activity and Additional Companio Yang, Y. -G.; Qian, S. -B.; Soonthornthum, B., The Astronomical Journal, Volume 143, Issue 5, article id. 122, 7 pp. (2012).
65. Yayın: Photoelectric Minima of Some Eclipsing Binary Stars (2005). Atf veren: A Unified Roche-Model Light Curve Solution for the W UMa Binary AC Bootis Alton, K. B. The Journal of the American Association of Variable Star Observers, vol. 38, no. 1, p. 57 (2010)



66. Yayın: Photoelectric Minima of Some Eclipsing Binary Stars (2005). Atıf veren: Period Change and Possible Magnetic Braking in WY Cancri Tian, Yongpo; Xiang, Fuyuan; Xie, Wenli; Tao, Xia, Publications of the Astronomical Society of Japan, Vol.61, No.4, pp.675—677 (2009)
67. Yayın: Photoelectric Minima of Some Eclipsing Binary Stars (2005). Atıf veren: A CCD Photometric Study of the W UMa Binary SW Lacertae Alton, K. B.; Terrell, D. The Journal of the American Association of Variable Star Observers, vol. 34, no. 2, p. 188-204 (2006)
68. Yayın: Photoelectric Minima of Some Eclipsing Binary Stars (2005). Atıf veren: Light-Time Effect in the Eclipsing Binaries GO Cyg, GW Cep, AR Aur and V505 Sgr Chochol, D.; Pribulla, T.; Vaňko, M.; Mayer, P.; Wolf, M.; Niarchos, P. G.; Gazeas, K. D.; Manimanis, V. N.; Brát, L.; Zejda, M., Astrophysics and Space Science, Volume 304, Issue 1-4, pp. 93-96 (2006)

### **Sanat ve Tasarım Etkinlikleri :**

---

1. Ulusal, SERGİLER/Üniversitelerin düzenlediği sergiler /, 25.05.2016-25.05.2016, Astronomi ve Uzay Bilimleri, Biyoloji, Fizik, İstatistik, Kimya, Matematik, Ankara Üniversitesi Fen Fakültesi, (No: 128580)
2. Ulusal, WORKSHOP /Workshop /, 09.04.2016-09.04.2016, Gelişen Öğrenci Gelişen Öğretmen, Galileo Teleskobu, (No: 203285)

### **Üniversite Dışı Deneyim :**

---

Coordinator The University of Birmingham, Sophomore Coordinator, (Yurtdışı Üniversite)  
2011 – 2013

### **Sertifikalar :**

---

1. Eğiticilerin Eğitimi, Araştırma Görevlilerinin hak ve sorumluluklarına yönelik düzenlenen bir sertifika programı, Ankara Üniversitesi, Sertifika, 04.12.2017 - 09.01.2018 (Ulusal)
2. İş sağlığı ve güvenlik eğitimi, İş sağlığı ve güvenlik eğitimi, Ankara Üniversitesi, Sertifika, 25.12.2015 (Ulusal)
3. İlk Yardım Eğitim Programı, Ankara Üniversitesi, Sertifika, 17.12.2018 (Ulusal)
4. Ankara Üniversitesi Açık ve Uzaktan Eğitim Fakültesi Online Öğretici Sertifika (30.10.2020) (Ulusal)

### **Burslar :**

---

1. MİLLÎ EĞİTİM BAKANLIĞI YURT DIŞI LİSANSÜSTÜ ÖĞRENİM BURSUSU (2008 - 2015) (Uluslararası)

### **Ödüller :**

---

1. TÜBİTAK ULUSLARARASI BİLİMSEL YAYIN TEŞVİĞİ (STEREO observations of hybrid stars V775 Tau and V483 Tau), 2018
2. TÜBİTAK ULUSLARARASI BİLİMSEL YAYIN TEŞVİĞİ (Rotational modulation in TESS B stars), 2019
3. TÜBİTAK ULUSLARARASI BİLİMSEL YAYIN TEŞVİĞİ (TESS observations of Be stars: a new interpretation), 2020
4. TÜBİTAK ULUSLARARASI BİLİMSEL YAYIN TEŞVİĞİ (Pulsation among TESS A and B stars and the Maia variables), 2020
5. TÜBİTAK ULUSLARARASI BİLİMSEL YAYIN TEŞVİĞİ (Orbital Period Analysis of Four Eclipsing Binaries XY Boo, RW Com, MR Del and AK Her), 2020
6. TÜBİTAK ULUSLARARASI BİLİMSEL YAYIN TEŞVİĞİ (TESS Observations of Cepheid Stars: First Light Results), 2021

### **Destekler :**

---

1. Ankara Üniversitesi, Uluslararası Bilimsel Etkinlik Desteği, STEREO Observations of Be Stars. Stars and their Variability Observed from Space-Celebrating the 5th Anniversary of BRITIC Constellation Conference, Avusturya (Poster).

2. Ankara Üniversitesi, Uluslararası Bilimsel Etkinlik Desteđi, Current Results of the New Metallicity Calibration Method for EMP Stars, CEMP Stars as Probes of First-Star Nucleosynthesis, the IMF, and Galactic Assembly, İsviçre (Poster)