



İBRAHİM ÖZAVCI

ASST. PROF.

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International Researcher IDs
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ScopusID: 8419144000
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Education

Doctorate 2010 - 2018	Ankara University, Fen Bilimleri Enstitüsü, Astronomi Ve Uzay Bilimleri (Dr), Turkey
Postgraduate 2002 - 2005	Ankara University, Fen Bilimleri Enstitüsü, Astronomi Ve Uzay Bilimleri (YI) (Tezli), Turkey
Undergraduate 1996 - 2002	Ankara University, Fen Fakültesi, Astronomi ve Uzay Bilimleri Bölümü, Turkey

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Kepler verileriyle güneş benzeri bileşenli bazı örten çiftlerin yüzey parlaklık dağılımının haritalanması, Ankara University, Fen Bilimleri Enstitüsü, Astronomi Ve Uzay Bilimleri (Dr), 2017
Postgraduate, HIPPARCOS kataloğunda yanlış kodlanmış olası örten çift yıldızların ayıklanması, Ankara University, Fen Bilimleri Enstitüsü, Astronomi Ve Uzay Bilimleri (YI) (Tezli), 2005

Academic Titles / Tasks

Assistant Professor 2023 - Continues	Ankara University, Fen Fakültesi, Astronomi ve Uzay Bilimleri Bölümü
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Supported Projects

1. Özavcı İ., Şenavcı H. V., Yılmaz M., Bahar E., Işık E., TUBITAK Project, Manyetik Aktif Kepler Yıldızlarında Lekelerin Boylamsal Dağılımı ve Diferansiyel Dönme-123F018, 2023 - 2026
2. Yılmaz A. E., Selam S. O., Şenavcı H. V., Yılmaz M., Kılıçoğlu T., Özavcı I., Project Supported by Other Private Institutions, YAKUD (Close Space Situational Awareness) Project – OPTICAL SUBSYSTEM INTEGRATION - ASELSAN, 2022 - 2023
3. Özavcı İ., TUBITAK Project, TÜBİTAK 4004 YILDIZLAR OKUL ÖNCESİ DÖNEMDE PARLAYACAK, 2022 - 2022
4. Şenavcı H. V., TUBITAK Project, Aktif Yıldızların Yüzey parlaklık Dağılımındaki Anormalliklerin İncelenmesi, 2015 - 2018
5. Selam S. O., Şenavcı H. V., Seyitoğlu G., Kurt L., Özavcı İ., Yörükoğlu O., Avcı Z., Yüce S., TUBITAK Project, Beypazarında Yaşayan Bilim - 117B053, 2017 - 2017
6. Yılmaz M., TUBITAK Project, Potansiyel Ötegezegen Adayların Tayfsal Ve Işık Ölçüm, 2014 - 2017
7. Selam S. O., Şenavcı H. V., Baştürk Ö., Özavcı İ., Project Supported by Higher Education Institutions, Exoplanet Search Around Solar-like Stars and Eclipsing Binaries - 13B4240006, 2013 - 2015
8. Albayrak B., Selam S. O., Elmaslı A., Özavcı İ., Aksu O., Project Supported by Higher Education Institutions, Minima Times Observations and Period Variations of Some Eclipsing Binary Stars - 20040705089, 2004 - 2005

Awards

1. Yılmaz M., Selam S. O., Keskin V., Özavcı İ., Bilime Katkı Ödülü, Özel İzmir Türk Koleji, November 2017

Published journal articles indexed by SCI, SSCI, and AHCI

1. **Monitoring spots via the TESS data strengthened by the ETV behaviour: An investigation on the contact binary PP Lac**
Yılmaz M., Şenavcı H. V., Bahar E., Özavcı İ., Nelson R. H., Selam S. O., Zola S., Gazeas K.
NEW ASTRONOMY, vol.101, pp.1-15, 2023 (SCI-Expanded)
2. **RR Draconis: An Algol-Type Eclipsing Binary with a Possible Massive Tertiary Companion**
Şenavcı H. V., Ceki A., Esmer E. M., Yalcinkaya S., Latkovic O., Bahar E., Yılmaz M., Basturk Ö., Ozavci İ., Yorukoglu O., et al.
ACTA ASTRONOMICA, vol.72, no.1, pp.31-53, 2022 (SCI-Expanded)
3. **Spot migration on the eclipsing binary KIC 9821078**
BAHAR E., ÖZAVCI İ., ŞENAVCI H. V.
CONTRIBUTIONS OF THE ASTRONOMICAL OBSERVATORY SKALNATE PLESO, vol.50, no.2, pp.481-485, 2020 (SCI-Expanded)
4. **First Doppler imaging of the RS CVn binary FF UMa**
ŞENAVCI H. V., BAHAR E., ÖZAVCI İ., KILIÇOĞLU T.
CONTRIBUTIONS OF THE ASTRONOMICAL OBSERVATORY SKALNATE PLESO, vol.50, no.2, pp.594-600, 2020 (SCI-Expanded)
5. **Orbital Period Analysis of Four Eclipsing Binaries XY Boo, RW Com, MR Del and AK Her**
ÖZAVCI İ., ÖZUYAR D., ŞENAVCI H. V., YILMAZ M., BAHAR E., BAŞTÜRK Ö., KILIÇOĞLU T., Elmaslı A., Caliskan Ş., Izci D. D., et al.
ACTA ASTRONOMICA, vol.70, no.1, pp.33-52, 2020 (SCI-Expanded)

6. **Surface inhomogeneities of the eclipsing binary ER Vul**
ÖZAVCI İ., BAHAR E., ŞENAVCI H. V.
CONTRIBUTIONS OF THE ASTRONOMICAL OBSERVATORY SKALNATE PLESO, vol.49, no.2, pp.278-286, 2019 (SCI-Expanded)
7. **Recurrent star-spot activity and differential rotation in KIC 11560447**
Ozavci İ., ŞENAVCI H. V., Isik E., Hussain G. A. J., O'Neal D., YILMAZ M., SELAM S. O.
Monthly Notices of the Royal Astronomical Society, vol.474, no.4, pp.5534-5548, 2018 (SCI-Expanded)
8. **A Jupiter-mass planet around the K0 giant HD 208897**
YILMAZ M., Sato B., Bikmaev I., SELAM S. O., Izumiura H., Keskin V., Kambe E., Melnikov S. S., Galeev A., Ozavci İ., et al.
Astronomy and Astrophysics, vol.608, 2017 (SCI-Expanded)
9. **Light curve and orbital period analysis of VX lac**
YILMAZ M., Nelson R. H., ŞENAVCI H. V., Izci D. D., Ozavci İ., Gumus D.
Revista Mexicana de Astronomia y Astrofisica, vol.53, no.1, pp.29-36, 2017 (SCI-Expanded)
10. **First results of the Kourovka Planet Search: discovery of transiting exoplanet candidates in the first three target fields**
Burdanov A. Y., Benni P., Krushinsky V. V., Popov A. A., Sokov E. N., Sokova I. A., Rusov S. A., Lyashenko A. Y., Ivanov K. I., Moiseev A. V., et al.
MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY, vol.461, no.4, pp.3854-3863, 2016 (SCI-Expanded)
11. **PHOTOMETRIC, SPECTROSCOPIC, and ORBITAL PERIOD STUDY of THREE EARLY-TYPE SEMI-DETACHED SYSTEMS: XZ AQL, UX HER, and at PEG**
Zola S., BAŞTÜRK Ö., Liakos A., Gazeas K., ŞENAVCI H. V., Nelson R. H., Ozavci İ., Zakrzewski B., YILMAZ M.
Astronomical Journal, vol.152, no.2, 2016 (SCI-Expanded)
12. **The absolute parameters of the detached eclipsing binary V482 per**
BAŞTÜRK Ö., Zola S., Liakos A., Nelson R. H., Gazeas K., Ozavci İ., YILMAZ M., ŞENAVCI H. V., Zakrzewski B.
New Astronomy, vol.41, pp.42-47, 2015 (SCI-Expanded)
13. **Low mass stellar companions around four giant stars**
YILMAZ M., Bikmaev I., Sato B., SELAM S. O., Galeev A. I., Keskin V., Izumiura H., Irtuganov E. N., Kambe E., Ozavci İ., et al.
New Astronomy, vol.34, pp.108-113, 2015 (SCI-Expanded)
14. **The absolute parameters of two W UMa type binaries in Ursa Majoris**
YILMAZ M., BAŞTÜRK Ö., Ozavci İ., ŞENAVCI H. V., SELAM S. O.
New Astronomy, vol.34, pp.271-277, 2015 (SCI-Expanded)
15. **PHOTOMETRIC ANALYSIS OF OVERCONTACT BINARIES AK HER, HI DRA, V1128 TAU, AND V2612 OPH**
Caliskan Ş., Latkovic O., Djurasevic G., Ozavci İ., BAŞTÜRK Ö., Cseki A., ŞENAVCI H. V., KILIÇOĞLU T., YILMAZ M., SELAM S. O.
ASTRONOMICAL JOURNAL, vol.148, no.6, 2014 (SCI-Expanded)
16. **A TALE ON TWO CLOSE BINARIES IN PEGASUS**
ŞENAVCI H. V., YILMAZ M., BAŞTÜRK Ö., Ozavci İ., Caliskan Ş., KILIÇOĞLU T., Tezcan C. T.
BALTIC ASTRONOMY, vol.23, no.2, pp.123-135, 2014 (SCI-Expanded)
17. **High precision defocused observations of planetary transits**
BAŞTÜRK Ö., Hinse T. C., Ozavci İ., Tezcan C. T., ŞENAVCI H. V., Burdanov A., Yorukoglu O., Orhan R., SELAM S. O.
Contributions of the Astronomical Observatory Skalnat Pleso, vol.43, no.3, pp.402-407, 2014 (SCI-Expanded)
18. **The Dwarf project: Eclipsing binaries - precise clocks to discover exoplanets**
Pribulla T., Vanko M., Ammler-von Eiff M., Andreev M., Aslanturk A., Awadalla N., Baludansky D., Bonanno A., Bozic H., Catanzaro G., et al.
Astronomische Nachrichten, vol.333, no.8, pp.754-766, 2012 (SCI-Expanded)
19. **DN Bootis: A low mass-ratio W UMa-type contact binary**
ŞENAVCI H. V., Nelson R. H., Ozavci İ., SELAM S. O., Albayrak B.
New Astronomy, vol.13, no.7, pp.468-472, 2008 (SCI-Expanded)
20. **The Blazhko effect of RR lyrae in 2003-2004**

Kolenberg K., Smith H. A., Gazeas K. D., Elmasli A., Breger M., Guggenberger E., Van Cauteren P., Lampens P., Reegen P., Niarchos P. G., et al.

Astronomy and Astrophysics, vol.459, no.2, pp.577-588, 2006 (SCI-Expanded)

21. **Light-time effect in the eclipsing binary system AM Leonis**

Albayrak B., SELAM S. O., Ak T., Elmasli A., Ozavci İ.

Astronomische Nachrichten, vol.326, no.2, pp.122-126, 2005 (SCI-Expanded)

22. **First ground-based photometry and light curve analysis of the recently discovered contact binary Hx uma**

SELAM S. O., Albayrak B., YILMAZ M., ŞENAVCI H. V., Ozavci İ., Cetintas C.

Astrophysics and Space Science, vol.296, no.1-4, pp.305-308, 2005 (SCI-Expanded)

Articles Published in Other Journals

1. **A LIST OF MINIMA TIMES OF SOME ECLIPSING BINARIES**

ÖZAVCI İ., BAHAR E., İzci D. D., ÖZUYAR D., Karadeniz O., Yörükoğlu O., Sarıgül H., Göçmen G., Uzunçam E., YALÇINKAYA S., et al.

Open European Journal On Variable Stars, 2019 (Peer-Reviewed Journal)

2. **A list of minima times of some eclipsing binaries**

ÖZAVCI İ., BAHAR E., izci d. d., ÖZUYAR D., karadeniz o., yörükoğlu o., sarıgül h., göçmen g., uzunçam e., yalçinkaya s., et al.

Open European Journal on Variable stars, vol.203, pp.1-7, 2019 (Peer-Reviewed Journal)

3. **Times of minima of eclipsing binaries and mid-transit times of transiting exoplanets**

Baştürk Ö., Bahar E., Şenavci H. V., Kılıçoğlu T., Özavci İ., Burdanov A., Yılmaz M., Çalışkan Ş., Tezcan C., Yörükoğlu O., et al.

Information Bulletin on Variable Stars, vol.1, no.6125, 2015 (Scopus)

4. **Amateur and Professional Researches at the Ankara University Observatory**

Helvacı M., Elmaslı Akçar A., Tanrıverdi T., Özavci İ., Törün E., Albayrak B., Selam S. O., Kara A., Bingöl F., Mahmutoğlu B.

The Journal of the American Association of Variable Star Observers, vol.33, no.2, pp.212-217, 2005 (Peer-Reviewed Journal)

5. **Photoelectric Minima of Some Eclipsing Binary Stars**

AKSU O., ÖZAVCI İ., YÜCE K., TANRIVERDİ T., ŞENAVCI H. V., YILMAZ M., KARA A., KAYA F., HELVACI M., ÇETİNTAŞ C., et al.

Information Bulletin on Variable Stars, vol.5588, no.1, 2005 (Peer-Reviewed Journal)

6. **Photoelectric Minima of Some Eclipsing Binary Stars.**

MÜYESSEROĞLU Z., TÖRÜN M. E., ÖZDEMİR T., GÜROL B., ÖZAVCI İ., TUNÇ T., KAYA F.

Information Bulletin on Variable Stars, vol.5463, no.1, 2003 (Peer-Reviewed Journal)

Papers Published in Refereed Scientific Meetings

1. **T80 Prof. Dr. Berahitdin Albayrak Teleskobu ve Odak Düzlemi Aletleri**

Yörükoğlu O., Şenavci H. V., Yılmaz M., Selam S. O., Baştürk Ö., Kılıçoğlu T., Özavci İ., Esmer E. M., Bahar E., Yalçinkaya S.

XXII. Ulusal Astronomi Kongresi, İzmir, Turkey, 6 - 08 September 2022, vol.4, pp.294-299

2. **CQ UMa'nın Atmosferik Parametrelerinin Belirlenmesi**

UZUNÇAM E., YORULMAZ E. B., ŞENAVCI H. V., KILIÇOĞLU T., ÖZAVCI İ., BAHAR E.

XXII. Ulusal Astronomi Kongresi, İzmir, Turkey, 6 - 08 September 2022, vol.4, pp.328-331

3. **Kepler Verileriyle Bazı Yıldızların Yüzey Parlaklık Dağılımı Haritalaması**

Özavci İ., Şenavci H. V., Işık E., Bahar E., Yılmaz M., Selam S. O.

21. ULUSAL ASTRONOMİ KONGRESİ, Kayseri, Turkey, 3 - 07 September 2018, vol.1, pp.527-530
4. **Surface inhomogeneities of the eclipsing binary ER Vul**
ÖZAVCI İ., BAHAR E., ŞENAVCI H. V.
Observing techniques, instrumentation and science for metre-class telescopes II, Tatranská Lomnica, Slovakia, 24 - 28 September 2018, vol.49, pp.278-286
5. **Starspot activity and differential rotation in KIC 11560447**
Işık E., Özavcı İ., Şenavcı H. V., Hussam G., Oneal D., Yılmaz M., Selam S. O.
Long-Term Datasets for the Understanding of Solar and Stellar Magnetic Cycles (IAU Symposium), Jaipur, India, 19 - 23 February 2018, vol.13, pp.235-236
6. **SV Cam Sisteminin Homojen Olmayan Yüzey Parlaklık Dağılımının İncelenmesi**
Özavcı İ., Şenavcı H. V., Bahar E., Yörükoğlu O., Selam S. O.
20. ULUSAL ASTRONOMİ KONGRESİ, Erzurum, Turkey, 5 - 09 September 2016, vol.1, pp.176-181
7. **KIC6670812 Örtün Değişen Sisteminin Mutlak Parametrelerinin Elde Edilmesi ve Yüzey Parlaklık Dağılımının Modellenmesi**
BAHAR E., ÖZAVCI İ., ŞENAVCI H. V.
XXI Ulusal Astronomi Kongresi, Kayseri, Turkey, 3 - 07 September 2018
8. **Photometric Mapping of Two Kepler Eclipsing Binaries: KIC11560447 and KIC8868650**
ŞENAVCI H. V., ÖZAVCI İ., Işık E., HUSSAIN G., Douglas O., YILMAZ M., SELAM S. O.
Imaging of Stellar Surfaces (IoSS 2018), ESO Garching, Germany, Garching, Munich, Germany, 5 - 09 March 2018
9. **Python'da Arayüzlü Minimum/Maksimum Zamanı Belirleme Programı: XTREMA**
Bahar E., Tezcan C. T., Yörükoğlu O., İzci D. D., Gümüş D., Özavcı İ., Şenavcı H. V., Yılmaz M., Baştürk Ö.
20. Ulusal Astronomi Kongresi, Erzurum, Turkey, 5 - 09 September 2016
10. **Defocused Observations of Selected Exoplanet Transits with T100 at the TÜBİTAK National Observatory of Turkey TUG**
BAŞTÜRK Ö., HINSE T., ÖZAVCI İ., YÖRÜKOĞLU O., SELAM S. O.
Living Together: Planets, Host Stars and Binaries (ASP Conference Series), San-Francisco, Costa Rica, 8 - 12 September 2014, vol.496, pp.370-374
11. **Modeling and Period Study of the Overcontact Binary V1128 Tau**
Latkovic O., ÇALIŞKAN TÜRKSOY Ş., Djurasevic G., Özavcı İ., BAŞTÜRK Ö., ŞENAVCI H. V., KILIÇOĞLU T., YILMAZ M., SELAM S. O.
Living Together: Planets, Host Stars and Binaries, Litomyšl, Czech Republic, 8 - 12 September 2014, vol.496, pp.215
12. **Period Variations of the Eclipsing Binary Systems T LMi and VX Lac**
YILMAZ M., İzci D. D., Gumus D., ÖZAVCI İ., SELAM S. O.
Conference on Living Together: Planets, Host Stars and Binaries, Litomyšl, Czech Republic, 8 - 12 September 2014, vol.496, pp.273-275
13. **Defocused Observations of Selected Exoplanet Transits with T100 at the TUBITAK National Observatory of Turkey (TUG)**
BAŞTÜRK Ö., Hinse T. C., Ozavaci İ., Yorukoglu O., SELAM S. O.
Conference on Living Together: Planets, Host Stars and Binaries, Litomyšl, Czech Republic, 8 - 12 September 2014, vol.496, pp.370-374
14. **Modeling and Period Study of the Overcontact Binary V1128 Tau**
Latkovic O., Caliskan S., Djurasevic G., Oezavci İ., Bastuerk O., Cseki A., Senavci H. V., KILIÇOĞLU T., YILMAZ M., SELAM S. O.
Conference on Living Together: Planets, Host Stars and Binaries, Litomyšl, Czech Republic, 8 - 12 September 2014, vol.496, pp.215-216
15. **High precision defocused observations of planetary transits**
BAŞTÜRK Ö., hinse t., özavcı İ., tezcan c., ŞENAVCI H. V., burdanov a., yörükoğlu o., orhan r., SELAM S. O.
Observing techniques, instrumentation and science for metre-class telescopes, 23 - 26 September 2013
16. **Amateur and Professional Researches at the Ankara University Observatory**
HELVACI M., ELMASLI AKÇAR A., TANRIVERDİ T., ÖZAVCI İ., TÖRÜN M. E., ALBAYRAK B., SELAM S. O., KARA A., BİNGÖL F., MAHMUTOĞLU B.

Courses

Undergraduate

Astronomy, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021

Binary Stars, Undergraduate, 2022 - 2023

LATE STAGES OF STELLAR EVOLUTION, Undergraduate, 2021 - 2022

PROGRESS TO PROFESSIONAL LIFE, Undergraduate, 2021 - 2022, 2020 - 2021

TRANSITION TO UNIVERSITY LIFE AND LIFE SKILLS, Undergraduate, 2021 - 2022, 2020 - 2021

SPACE EXPLORATION, Undergraduate, 2021 - 2022, 2020 - 2021

General Astronomy, Undergraduate, 2020 - 2021

Peer Reviews in Scientific Publications

veri bilimi, Other Journals, February 2022

Metrics

Publication: 47

Citation (WoS): 242

Citation (Scopus): 248

H-Index (WoS): 8

H-Index (Scopus): 8

Research Areas

Sun and Solar Systems, Astronomy and Astrophysics: Instrumentation Techniques and Observations, Star Systems, Interstellar Medium, The Galaxy, Galactic and Extragalactic Objects and Systems, Cosmology, Stars