

Res. Asst. Hüseyin ER

Personal Information

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International Researcher IDs

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Education Information

Doctorate, Ataturk University, Fen Fakültesi, Astronomi Ve Uzay Bilimleri, Turkey 2018 - 2023

Postgraduate, Ataturk University, Fen Fakültesi, Astronomi ve Uzay Bilimleri, Turkey 2015 - 2018

Undergraduate, Ataturk University, Fen Fakültesi, Fizik, Turkey 2009 - 2014

Foreign Languages

English, B1 Intermediate

Certificates, Courses and Trainings

Other, Astrofizikte Örten Çift Yıldızlar, Ege University Observatory Application and Research Center, 2021

Other, The LATEST SHOWS FROM NEUTRON STARS, Ege University Observatory Application and Research Center, 2021

Other, Toplanma Disklerinin Doğası, Ege University Observatory Application and Research Center, 2021

Other, Yıldız Sismolojisi, Ege University Observatory Application and Research Center, 2021

Dissertations

Postgraduate, • Seçilmiş Bazı Örten Yakın Çift Yıldız Sistemlerinde Gezegen Araştırılması, Ataturk University, Fen Bilimleri Enstitüsü, Astronomi ve Astrofizik Anabilim Dalı, 2018

Research Areas

Physics, Astronomy and Astrophysics, Natural Sciences

Academic Titles / Tasks

Research Assistant, Ataturk University, Fen Fakültesi, Astronomi ve Uzay Bilimleri, 2017 - Continues

Academic and Administrative Experience

Unit Accreditation Board Member, Ataturk University, Fen Fakültesi, Astronomi Ve Uzay Bilimleri, 2022 - Continues
Member of Department FEDEK Commission, Ataturk University, Fen Fakültesi, Astronomi Ve Uzay Bilimleri, 2022 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Investigation on transit observations of the WASP-10 and WASP-11 systems**
ER H., KARAMAN N., ÖZDÖNMEZ A., NASIROĞLU İ., GÜRBULAK B.
NEW ASTRONOMY, vol.107, 2024 (SCI-Expanded)
- II. **Investigation on the orbital period variations of NN Ser: implications for the hypothetical planets, the Applegate mechanism, and the orbital stability**
Özdönmez A., Er H., Nasiroğlu İ.
Monthly Notices of the Royal Astronomical Society, vol.526, no.3, pp.4725-4734, 2023 (SCI-Expanded)
- III. **A large topographic feature on the surface of the trans-Neptunian object (307261) 2002 MS₄ measured from stellar occultations**
Rommel F., Braga-Ribas F., Ortiz J., Sicardy B., Santos-Sanz P., Desmars J., Camargo J., Vieira-Martins R., Assafin M., Morgado B., et al.
ASTRONOMY & ASTROPHYSICS, vol.678, 2023 (SCI-Expanded)
- IV. **Probing Transit Timing Variations of three hot Jupiters: HATP-36b, HATP-56b, and WASP-52b**
Sonbas E., Karaman N., Özdönmez A., Er H., Dhuga K. S., Gogus E., Nasiroğlu İ., Zejmo M.
MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY, vol.509, no.4, pp.5102-5116, 2022 (SCI-Expanded)
- V. **New observations of the eclipsing binary system NY Vir and its candidate circumbinary planets**
Er H., Özdonmez A., Nasiroğlu İ.
MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY, vol.507, no.1, pp.809-817, 2021 (SCI-Expanded)
- VI. **Authenticating the Presence of a Relativistic Massive Black Hole Binary in OJ 287 Using Its General Relativity Centenary Flare: Improved Orbital Parameters**
Dey L., Valtonen M. J., Gopakumar A., Zola S., Hudec R., Pihajoki P., Ciprini S., Matsumoto K., Sadakane K., Kidger M., et al.
ASTROPHYSICAL JOURNAL, vol.866, 2018 (SCI-Expanded)
- VII. **Stochastic Modeling of Multiwavelength Variability of the Classical BL Lac Object OJ287 on Timescales Ranging from Decades to Hours**
Goyal A., Stawarz L., Zola S., Marchenko V., Soida M., Nilsson K., Ciprini S., Baran A., Ostrowski M., Wiita P. J., et al.
ASTROPHYSICAL JOURNAL, vol.863, no.2, 2018 (SCI-Expanded)
- VIII. **Is There a Circumbinary Planet around NSVS 14256825?**
Nasiroğlu İ., Gozdiewski K., Slowikowska A., Krzeszowski K., Zejmo M., Zola S., Er H., Ogleza W., Drozdz M., Koziel-Wierzbowska D., et al.
ASTRONOMICAL JOURNAL, vol.153, 2017 (SCI-Expanded)
- IX. **Primary black hole spin in oj 287 AS determined by the general relativity centenary flare**
Valtonen M. J., Zola S., Ciprini S., Gopakumar A., Matsumoto K., Sadakane K., Kidger M., Gazeas K., Nilsson K., Berdyugin A., et al.
Astrophysical Journal Letters, vol.819, 2016 (SCI-Expanded)

Articles Published in Other Journals

- I. **Dört W UMA Çift Yıldız Sisteminin Fotometrik Gözlemleri**
Er H., Sönmez E. Z., Kenger M. E., Karaman N., Akkaya E., Özkesen İ. C., Polatoğlu A.
Journal of Anatolian Physics and Astronomy, vol.2, no.1, pp.35-42, 2022 (Peer-Reviewed Journal)
- II. **Applications of Coronagraph in Astronomy**
Gürbulak B. B., Nasiroğlu İ., Özdönmez A., Er H.

- JOURNAL OF ANATOLIAN PHYSICS AND ASTRONOMY, vol.1, no.1, pp.31-34, 2021 (Peer-Reviewed Journal)
- III. THE HU Aqr O-C DIAGRAM TREND CHANGE: ARE THERE STILL ANY CIRCUMBINARY PLANETS?**
SLOWIKOWSKA A., NASIROĞLU İ., GOZDZIEWSKI K., ZEJMO M., KRZESZOWSKI K., IRAWATİ P., BUCKLEY D., DİMİTROV D., ER H.
JOURNAL OF OCCULTATION AND ECLIPSE, 2018 (Peer-Reviewed Journal)
- IV. Polarization and Spectral Energy Distribution in OJ 287 during the 2016/17 Outbursts**
Valtonen M., Zola S., Jermak H., Ciprini S., Hudec R., Dey L., Gopakumar A., Reichart D. L., Caton D. B., Gazeas K., et al. GALAXIES, vol.5, 2017 (ESCI)
- V. A Search for QPOs in the Blazar OJ287: Preliminary Results from the 2015/2016 Observing Campaign**
Zola S., Valtonen M., Bhatta G., Goyal A., Debski B., Baran A., Krzesinski J., Siwak M., Ciprini S., Gopakumar A., et al. GALAXIES, vol.4, 2016 (ESCI)

Refereed Congress / Symposium Publications in Proceedings

- I. THE PLACE OF THE CORONAGRAPH ON EXOPLANETS**
Gürbulak B. B., NASIROĞLU İ., ÖZDÖNMEZ A., ER H.
1st INTERNATIONAL CONGRESS ON NATURAL SCIENCES (ICNAS-2021), Erzurum, Turkey, 10 September 2021
- II. Searching for planets around eclipsing binary stars using timing method: NSVS 14256825**
NASIROĞLU İ., GOZDZIEWSKI K., Slowikowska A., KRZESZOWSKI K., ZEJMO M., Zola S., ER H.
330th Symposium of the International-Astronomical-Union (IAU), Nice, France, 24 - 28 April 2017, vol.12, pp.405-406
- III. Night Sky Quality Measurements In Erzurum**
YILMAZ S., ER H., GÜNEY Y., NASIROĞLU İ.
Turkish Physical Society 33rd International Physics Congress, Bodrum, Turkey, 6 - 10 September 2017, pp.528
- IV. NIGHT SKY QUALITY MEASUREMENTS IN ERZURUM (LIGHT POLLUTION)**
YILMAZ S., ER H., GÜNEY Y., NASIROĞLU İ.
TÜRK FİZİK DERNEĞİ 33.ULUSLARARASI FİZİK KONGRESİ, Muğla, Turkey, 6 - 10 September 2017, pp.1
- V. Timing Detection of Third Bodies Orbiting Eclipsing Binaries**
NASIROĞLU İ., Slowikowska A., Godziewski K., Krzeszowski K., SONBAŞ E., Zejmo M., Zola S., ER H., GÜNEY Y.
Türk Fizik Derneği 33. Uluslararası Fizik Kongresi, 6 - 10 September 2017
- VI. NIGHT SKY QUALITY MEASUREMENTS IN ERZURUM (LIGHT POLLUTION)**
YILMAZ S., ER H., GÜNEY Y., NASIROĞLU İ.
TÜRK FİZİK DERNEĞİ 33.ULUSLARARASI FİZİK KONGRESİ, Muğla, Turkey, 6 - 10 September 2017, pp.1
- VII. Searching For Planets Around Selected Eclipsing Close Binary Systems**
NASIROĞLU İ., Gozdiewski K., Slowikowska A., Krzeszowski K., Zejmo M., Zola S., Er H.
Astrometry and Astrophysics in the Gaia sky, Nice, France, 24 - 28 April 2017

Supported Projects

KIRAN E., NASIROĞLU İ., ÖZDÖNMEZ A., YEŞİLYAPRAK C., ER H., DERVİŞOĞLU A., Project Supported by Higher Education Institutions, Ayrik ve Yarı Ayrik 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

Özdönmez A., Er H., Project Supported by Higher Education Institutions, Eğlenerek Astronomi Öğreniyorum, 2022 - 2023

Er H., Karaman N., Project Supported by Higher Education Institutions, Uzayla Tanışma Etkinliği , 2022 - 2022

Er H., Sönmez E. Z., Karaman N., Project Supported by Higher Education Institutions, Güneş Gözlemi Etkinliği, 2022 - 2022

Er H., Niyazoğlu Y. E., Yeşilmen Ö., Project Supported by Higher Education Institutions, Erzurum'da Kurulan Türkiye'nin

En Büyük Gözlemevi Projesi olan DAG'in Toplumda Bilinirliğinin Ölçülmesi ve Artırılması, 2022 - 2022

Er H., Project Supported by Higher Education Institutions, Temel Bilimler ile Astronomi, 2022 - 2022

Er H., Eser S., Project Supported by Higher Education Institutions, Kırsal Bölgedeki Anaokuluna Eğitim Desteği, 2021 - 2022

Er H., Kenger M. E., Akkaya E., Karaca Y., Project Supported by Higher Education Institutions, Su Roket Şenliği , 2021 - 2022

ÖZDÖNMEZ A., ER H., NASIROĞLU İ., POLATOĞLU A., EGE E., Project Supported by Higher Education Institutions, Seçilmiş bazı AGÇ'lerin kısa ve orta-uzun vadeli değişimlerinin incelenmesi, 2020 - 2022

ÖZDÖNMEZ A., KARAMAN N., SÖNMEZ E. Z., ER H., POLATOĞLU A., Project Supported by Higher Education Institutions, Geleneğten Geleceğe İslam Astronomisi, 2019 - 2020

NASIROĞLU İ., ER H., POLATOĞLU A., KENGER M. E., ÖZKESEN İ. C., Project Supported by Higher Education Institutions, Tablete Değil Gökyüzüne Bak!, 2019 - 2020

ER H., TUBITAK Project, Erzurum Bilim Şenliği - Kozmik İşinlerin Gözlemlenmesi, 2019 - 2019

Nasiroğlu İ., Karaman N., ER H., Project Supported by Higher Education Institutions, Seçilmiş Bazı Güneş Benzeri

Yıldızlarda Geçiş Yöntemini Kullanarak Gezegen Araştırılması, 2017 - 2019

Nasiroğlu İ., TUBITAK Project, Seçilmiş Bazı Örten Yakın Çift Yıldız Sistemlerinde Gezegen Araştırılması, 2015 - 2019

Memberships / Tasks in Scientific Organizations

Türk Astronomi Derneği, Member, 2018 - Continues

Tasks In Event Organizations

Kalecik S., Güney Y., Er H., TURGUT E., AR-GE LABORATUVAR ÇALIŞMALARINDA İNSAN SAĞLIĞI VE İŞ GÜVENLİĞİ, Workshop Organization, Erzurum, Turkey, Şubat 2024

Sarıtaş S., Er H., "Bilimsel Çalışmalardaki Biyolojik ve Fiziksel Riskler", Workshop Organization, Erzurum, Turkey, Şubat 2024

Güney Y., Sarıtaş S., Er H., TURGUT E., FİZİĞİN DÜNÜ-BUGÜNÜ-YARINI, Workshop Organization, Erzurum, Turkey, Ocak 2024

Kiran E., ÖZDÖNMEZ A., ER H., Astronomi ve Uzay Bilimleri Lisansüstü Öğrenci Çalıştayı, Workshop Organization, Turkey, Ocak 2024

Kiran E., Özgünmez A., ER H., Astronomi ve Uzay Bilimleri Lisans Öğrenci Çalıştayı, Workshop Organization, Turkey, Aralık 2023

Bayraklı Yurtcan A., TUYSUZ E., TORAMAN E., AKBULUT S., GÜROL A., ÖZAKIN O., ÖZDÖNMEZ A., ER H., 1st International Congress on Natural Sciences, Scientific Congress, Erzurum, Turkey, Eylül 2021

Şışman T., Bayraklı Yurtcan A., Tuysuz E., Akbulut S., Gürol A., Özgünmez A., ER H., 1st International Symposium on Recent Advances in Fundamental and Applied Sciences , Scientific Congress, Erzurum, Turkey, Eylül 2021

Metrics

Publication: 21

Citation (WoS): 188

Citation (Scopus): 156

H-Index (WoS): 6

H-Index (Scopus): 6

Congress and Symposium Activities

in the 1st INTERNATIONAL SYMPOSIUM ON RECENT ADVANCES IN FUNDAMENTAL AND APPLIED SCIENCES, Attendee, Erzurum, Turkey, 2021

1st INTERNATIONAL CONGRESS ON NATURAL SCIENCES (ICNAS-2021) 10-12 SEPTEMBER 2021, Attendee, Erzurum, Turkey, 2021

Astro Meteo Çalıştayı, Attendee, Erzurum, Turkey, 2019

21. Ulusal Astronomi Kongresi, Attendee, Kayseri, Turkey, 2018

8th International Workshop on Occultation and Eclipse, Attendee, İstanbul, Turkey, 2018

Turkish Physical Society 33rd International Physics Congress, Attendee, Muğla, Turkey, 2017

European Week of Astronomy and Space Science, Attendee, Praha, Czech Republic, 2017

20. Ulusal Astronomi Kongresi, Attendee, Erzurum, Turkey, 2016