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International Researcher IDs

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Education Information

Doctorate, Ankara University, Fen Bilimleri Enstitüsü, Astronomi Ve Uzay Bilimleri (Dr), Turkey 2020 - Continues

Postgraduate, Ankara University, Fen Bilimleri Enstitüsü, Astronomi Ve Uzay Bilimleri (YI) (Tezli), Turkey 2016 - 2020

Undergraduate, Ankara University, Fen Fakültesi, Astronomi Ve Uzay Bilimleri Bölümü, Turkey 2009 - 2016

Foreign Languages

English, C1 Advanced

Research Areas

Astronomy and Astrophysics

Academic Titles / Tasks

Research Assistant, Ankara University, Fen Fakültesi, Astronomi Ve Uzay Bilimleri Bölümü, 2021 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Transit timing variation analysis of the low-mass brown dwarf KELT-1 b**
BAŞTÜRK Ö., Southworth J., YALÇINKAYA S., Mancini L., ESMER E. M., Tekin M., Tezcan F., Evans D. F., Tezcan C. T., Bruni I., et al.
MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY, vol.521, no.1, pp.1200-1209, 2023 (SCI-Expanded)
- II. **Homogeneous transit timing analyses of 10 exoplanet systems**
BAŞTÜRK Ö., ESMER E. M., YALÇINKAYA S., Torun L., Mancini L., Helweh F., Karamanli E., Southworth J., ALİŞ S., Wunsche A., et al.
MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY, vol.512, no.2, pp.2062-2081, 2022 (SCI-Expanded)

- III. **The ultra-hot-Jupiter KELT-16 b: dynamical evolution and atmospheric properties**
Mancini L., Southworth J., Naponiello L., BAŞTÜRK Ö., Barbato D., Biagiotti F., Bruni I., Cabona L., D'Ago G., Damasso M., et al.
MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY, vol.509, no.1, pp.1447-1464, 2022 (SCI-Expanded)
- IV. **RR Draconis: An Algol-Type Eclipsing Binary with a Possible Massive Tertiary Companion**
Senavci H. V., Ceki A., Esmer E. M., Yalcinkaya S., Latkovic O., Bahar E., Yilmaz M., Basturk Ö., Ozavci İ., Yorukoglu O., et al.
ACTA ASTRONOMICA, vol.72, no.1, pp.31-53, 2022 (SCI-Expanded)
- V. **Investigation of Orbital Decay and Global Modeling of the Planet WASP-43 b**
Davoudi F., BAŞTÜRK Ö., YALÇINKAYA S., ESMER E. M., Safari H.
ASTRONOMICAL JOURNAL, vol.162, no.5, 2021 (SCI-Expanded)
- VI. **Discovery of a young low-mass brown dwarf transiting a fast-rotating F-type star by the Galactic Plane exoplanet (GPX) survey**
Benni P., Burdanov A. Y., Krushinsky V. V., Bonfanti A., Hebrard G., Almenara J. M., Dalal S., Demangeon O. D. S., Tsantaki M., Pepper J., et al.
Monthly Notices of the Royal Astronomical Society, vol.505, no.4, pp.4956-4967, 2021 (SCI-Expanded)
- VII. **Analysis of the Most Precise Light Curves of HAT-P-36**
YALÇINKAYA S., BAŞTÜRK Ö., El Helweh F., ESMER E. M., Yorukoglu O., YILMAZ M., ŞENAVCI H. V., KILIÇOĞLU T., SELAM S. O.
ACTA ASTRONOMICA, vol.71, no.3, pp.223-242, 2021 (SCI-Expanded)
- VIII. **Transits of Known Planets Orbiting a Naked-eye Star**
Kane S. R., YALÇINKAYA S., Osborn H. P., Dalba P. A., Nielsen L. D., Vanderburg A., Mocnik T., Hinkel N. R., Ostberg C., ESMER E. M., et al.
ASTRONOMICAL JOURNAL, vol.160, no.3, 2020 (SCI-Expanded)
- IX. **A holistic and probabilistic approach to the ground-based and spaceborne data of HAT-P-19 system**
BAŞTÜRK Ö., YALÇINKAYA S., ESMER E. M., Tanriverdi T., Mancini L., Daylan T., Southworth J., Keten B.
MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY, vol.496, no.4, pp.4174-4190, 2020 (SCI-Expanded)
- X. **The KELT Follow-up Network and Transit False-positive Catalog: Pre-vetted False Positives for TESS**
Collins K. A., Collins K., Pepper J., Labadie-Bartz J., Stassun K. G., Gaudi B. S., Bayliss D., Bento J., Colon K. D., Feliz D., et al.
ASTRONOMICAL JOURNAL, vol.156, no.5, 2018 (SCI-Expanded)

Articles Published in Other Journals

- I. **Analysis of HAT-P-16b and TrES-3b Exoplanets by the Transit Timing Variations Method**
Aladağ Y., AKYÜZ A., BAŞTÜRK Ö., AKSAKER N., ESMER E. M., YALÇINKAYA S.
Turkish Journal of Astronomy and Astrophysics, vol.2, no.1, pp.28-37, 2021 (Peer-Reviewed Journal)
- II. **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)

Refereed Congress / Symposium Publications in Proceedings

- I. **Zamanlama Yöntemiyle Ötegezegen Keşfi**
BAŞTÜRK Ö., ESMER E. M., YALÇINKAYA S., Tezcan F., ALİŞ S., AKSAKER N., Tezcan C. T., Aladağ Y., Torun Ş., Akar F., et al.
22. Ulusal Astronomi Kongresi, İzmir, Turkey, 6 - 08 September 2022, vol.4, pp.83-89
- II. **Transit timing variations of five transiting planets**

Basturk , ESMER E. M., Torun S., YALINKAYA S., El Helweh F., Karamanli E., Oncu M., Albayrak H. O., Akram F. A.
M., Kahraman M. G., et al.
Turkish Physical Society 35th International Physics Congress, TPS 2019, Konacik-Bodrum, Turkey, 4 - 08
September 2019, vol.2178

Metrics

Publication: 14

Citation (WoS): 85

Citation (Scopus): 87

H-Index (WoS): 5

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