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International Researcher IDs

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Education Information

Doctorate, Yildiz Technical University, Faculty Of Arts & Science, Department Of Physics, Turkey 2016 - Continues

Postgraduate, Yildiz Technical University, Faculty Of Arts & Science, Department Of Physics, Turkey 2014 - 2016

Undergraduate, Marmara University, Faculty Of Arts And Sciences, Physics, Turkey 2005 - 2010

Foreign Languages

English, B2 Upper Intermediate

Japanese, A2 Elementary

Dissertations

Postgraduate, Structural Analysis of Abell 2554 Galaxy Cluster, Yildiz Technical University, Faculty of Arts & Science, Department of Physics, 2016

Research Areas

Physics, Astronomy and Astrophysics

Academic Titles / Tasks

Research Assistant, Yildiz Technical University, Faculty Of Arts & Science, Department Of Physics, 2019 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- BASS. XXXV. The M BH- σ^* Relation of 105 Month Swift-BAT Type 1 AGNs**
Caglar T., Koss M. J., Burtscher L., Trakhtenbrot B., ERDİM M. K., Mejía-Restrepo J. E., Ricci F., Powell M. C., Ricci C., Mushotzky R., et al.
Astrophysical Journal, vol.956, no.1, 2023 (SCI-Expanded)

- II. **The relative supernovae contribution to the chemical enrichment history of Abell 1837**
Erdim M. K., Ezer C., Unver O., Hazar F., Hudaverdi M.
Monthly Notices of the Royal Astronomical Society, vol.508, no.3, pp.3337-3344, 2021 (SCI-Expanded)
- III. **Chandra observation of a cold front in Abell 2554**
Erdim M. K., Hüdaverdi M.
MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY, vol.488, no.2, pp.2917-2924, 2019 (SCI-Expanded)

Articles Published in Other Journals

- I. **Dynamical Study of a Trio-Clusters of Galaxies: A2550-A2554-A2556**
Erdim M. K.
Tamap Journal of Physical Sciences, vol.1, pp.16-20, 2019 (Peer-Reviewed Journal)
- II. **Thermodynamic Properties of Cavities in Hot X-ray Plasma: A2556**
ERDIM M. K., HÜDAVERDİ M.
Tamap Journal of Physical Sciences, vol.1, 2018 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **Searches for Uniform Metal Distributions in Galaxy Clusters**
Hüdaverdi M., Ezer C., Erdim M. K.
Turkish Physical Society 35th International Physics Congress, Muğla, Turkey, 4 - 08 September 2019, vol.01, no.2, pp.123-126
- II. **Asymmetric uncertainties in measurements: SOAD a Python package based on Monte Carlo Simulations**
Erdim M. K., Hüdaverdi M.
TURKISH PHYSICAL SOCIETY 35th INTERNATIONAL PHYSICS CONGRESS, Muğla, Turkey, 4 - 08 September 2019, vol.2178, pp.300231-300234
- III. **Interactions and Inner Dynamics of Non-relaxed Galaxy Clusters**
ERDIM M. K., HÜDAVERDİ M.
33rd International Physics Congress of the Turkish Physical Society (TPS-33), 6 - 10 September 2017

Supported Projects

Hüdaverdi M., Bozkurt K., Altaş Puntar N., Ercan E. N., TUBITAK Project, Eliptik Galaksilerde Süpernova Kimyasal Element Sentezi İzlerinin Araştırılması, 2021 - 2024
Hüdaverdi M., TUBITAK Project, Süpernova Nükleosentezi İle Evrendeki Yapıların Metal Zenginleşme Evrimi, 2018 - 2021
Hüdaverdi M., TUBITAK Project, Galaksi Kümeleri İle Karanlık Madde Ve Evrenin Yapısal Analizi, 2013 - 2016

Metrics

Publication: 8
Citation (WoS): 3
Citation (Scopus): 19
H-Index (WoS): 1
H-Index (Scopus): 3