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International Researcher IDs

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Education Information

Doctorate, İstanbul Technical University, Fen Bilimleri Enstitüsü, Fizik Mühendisliği (Dr), Turkey 2015 - 2016

Postgraduate, İstanbul Technical University, Fen Bilimleri Enstitüsü, Fizik Mühendisliği (YI) (Tezli), Turkey 2013 - 2015

Undergraduate, İstanbul Technical University, Fen-Edebiyat Fakültesi, Fizik Mühendisliği Bölümü, Turkey 2008 - 2013

Foreign Languages

English

Dissertations

Postgraduate, Relativistic stars in Starobinsky model of gravity, İstanbul Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Fizik Mühendisliği (YI) (Tezli), 2015

Research Areas

Astronomy and Astrophysics

Academic Titles / Tasks

Research Assistant, İstanbul Technical University, Fen-Edebiyat, Fizik Mühendisliği, 2013 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **The First Day in the Life of a Magnetar: Evolution of the Inclination Angle, Magnetic Dipole Moment, and Braking Index of Millisecond Magnetars during Gamma-Ray Burst Afterglows**

Mus S. S., Çıkıntıoğlu S., Aygun U., Andaç İ. C., Ekşi K. Y.

ASTROPHYSICAL JOURNAL, vol.886, no.1, 2019 (SCI-Expanded)

- II. **Constraint on energy-momentum squared gravity from neutron stars and its cosmological implications**

Akarsu Ö., Barrow J. D., Çıkıntıoğlu S., Ekşi K. Y., Katircı N.

PHYSICAL REVIEW D, vol.97, no.12, 2018 (SCI-Expanded)

- III. Vacuum solutions around spherically symmetric and static objects in the Starobinsky model**
Çıkıntıoğlu S.
PHYSICAL REVIEW D, vol.97, no.4, 2018 (SCI-Expanded)
- IV. Relativistic stars in Starobinsky gravity with the matched asymptotic expansions method**
ARAPOGLU S., Çıkıntıoğlu S., Ekşi K. Y.
PHYSICAL REVIEW D, vol.96, no.8, 2017 (SCI-Expanded)
- V. THE INCLINATION ANGLE AND EVOLUTION OF THE BRAKING INDEX OF PULSARS WITH PLASMA-FILLED MAGNETOSPHERE: APPLICATION TO THE HIGH BRAKING INDEX OF PSR J1640-4631**
Ekşi K. Y., Andaç İ. C., Çıkıntıoğlu S., GUGERCINOGLU E., MOTLAGH A. V., Kiziltan B.
ASTROPHYSICAL JOURNAL, vol.823, no.1, 2016 (SCI-Expanded)
- VI. The ultraluminous X-ray source NuSTAR J095551+6940.8: a magnetar in a high-mass X-ray binary**
Ekşi K. Y., Andaç İ. C., Çıkıntıoğlu S., GENCALI A. A., Güngör C., OZTEKIN F.
MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY, vol.448, no.1, 2015 (SCI-Expanded)

Metrics

Publication: 8

Citation (WoS): 129

Citation (Scopus): 191

H-Index (WoS): 5

H-Index (Scopus): 5