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International Researcher IDs

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Education Information

Doctorate, Sabanci University, Faculty Of Engineering And Natural Sciences, Department Of Natural Sciences And Engineering Program, Turkey 2010 - 2016

Undergraduate, Izmir Institute Of Technology, Faculty Of Science, Department Of Physics (English), Turkey 2005 - 2010

Research Areas

Natural Sciences

Academic Titles / Tasks

Professor, TED University, Faculty of Arts and Sciences, Basic Sciences, 2022 - Continues

Courses

General Physics I, Undergraduate, 2023 - 2024, 2022 - 2023

Physics I, Undergraduate, 2022 - 2023, 2021 - 2022

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Constraining millisecond pulsar geometry using time-aligned radio and gamma-ray pulse profile**
Benli O., Pétri J., Mitra D.
ASTRONOMY & ASTROPHYSICS, vol.647, 2021 (SCI-Expanded)
- II. **On the peculiar torque reversals and the X-ray luminosity history of the accretion-powered X-ray pulsar 4U 1626-67**
Benli O.
MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY, vol.495, no.4, pp.3531-3537, 2020 (SCI-Expanded)
- III. **Central Compact Objects: some of them could be spinning up?**
Benli O., Ertan Ü.
MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY, vol.478, no.4, pp.4890-4893, 2018 (SCI-Expanded)
- IV. **Rotational and X-ray luminosity evolution of high-B radio pulsars**

Benli O., Ertan Ü.

NEW ASTRONOMY, vol.61, pp.78-83, 2018 (SCI-Expanded)

V. **On the evolution of high-B radio pulsars with measured braking indices**

Benli O., Ertan Ü.

MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY, vol.471, no.3, pp.2553-2557, 2017 (SCI-Expanded)

VI. **Long-term evolution of anomalous X-ray pulsars and soft gamma repeaters**

Benli O., Ertan U.

MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY, vol.457, no.4, pp.4114-4122, 2016 (SCI-Expanded)

VII. **Long-term evolution, X-ray outburst and optical/ infrared emission of SGR 0501+4516**

Benli O., Çalışkan S., Ertan U.

MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY, vol.447, no.3, pp.2282-2286, 2015 (SCI-Expanded)

VIII. **Long-term evolution of dim isolated neutron stars**

Ertan U., Çalışkan S., Benli O., Alpar M.

MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY, vol.444, no.2, pp.1559-1565, 2014 (SCI-Expanded)

IX. **X-RAY ENHANCEMENT AND LONG-TERM EVOLUTION OF SWIFT J1822.3-1606**

Benli O., Çalışkan S., Ertan U., Alpar M., Trümper J., Kylafis N.

ASTROPHYSICAL JOURNAL, vol.778, no.2, 2013 (SCI-Expanded)