

## Res. Asst. ÇAĞATAY KEREM DÖNMEZ

### Personal Information

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### International Researcher IDs

ScholarID: QOk\_30kAAAAJ

ORCID: 0000-0003-3466-8247

Publons / Web Of Science ResearcherID: ABA-2068-2020

ScopusID: 57219497919

Yoksis Researcher ID: 303509

### Education Information

Doctorate, Middle East Technical University, Faculty of Arts and Sciences, Department of Physics, Turkey 2019 - Continues

Postgraduate, Middle East Technical University, Faculty of Arts and Sciences, Department of Physics, Turkey 2015 - 2019

Undergraduate, Ihsan Dogramaci Bilkent University, Faculty Of Engineering, Department Of Electrical And Electronics Engineering, Turkey 2009 - 2015

### Foreign Languages

English, C1 Advanced

Spanish, A2 Elementary

### Dissertations

Postgraduate, The Spectral and Temporal Properties of MAXI J1409-619, Middle East Technical University, Faculty of Arts and Sciences, Department of Physics, 2019

### Research Areas

Physics, Astronomy and Astrophysics

### Academic Titles / Tasks

Research Assistant, Middle East Technical University, Faculty of Arts and Sciences, Department of Physics, 2019 - Continues

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Pulse frequency variations and timing noise of MXB 0656-072 during the 2007-2008 type I outbursts and implications for its magnetic field**  
Serim M. M., Serim D., Dönmez Ç. K., Tuo Y., Ducci L., Baykal A., Santangelo A.  
ASTRONOMY & ASTROPHYSICS, vol.690, 2024 (SCI-Expanded)
- II. **Timing analysis of Swift J0243.6+6124 with NICER and Fermi/GBM during the decay phase of the 2017-2018 outburst**  
Serim M. M., Dönmez Ç. K., Serim D., Ducci L., Baykal A., Santangelo A.  
MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY, vol.522, no.4, pp.6115-6122, 2023 (SCI-Expanded)
- III. **Timing and spectral analysis of 2S 1417-624 during its 2018 outburst**  
Serim M. M., Ozudogru O. C., Donmez Ç. K., Sahiner S., Serim D., Baykal A., Inam S. C.  
MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY, vol.510, no.1, pp.1438-1449, 2022 (SCI-Expanded)
- IV. **Comprehensive analysis of the transient X-ray pulsar MAXI J1409 619**  
Donmez Ç. K., Serim M. M., Inam S. C., Sahiner S., Serim D., Baykal A.  
MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY, vol.496, no.2, pp.1768-1783, 2020 (SCI-Expanded)

## Refereed Congress / Symposium Publications in Proceedings

- I. **Insights from Swift J0243.6+6124 during its 2017-2018 outburst**  
Serim M. M., Dönmez Ç. K., Serim D., Ducci L., Baykal A., Santangelo A.  
XMM-Newton 2024 Science Workshop: The X-ray Mysteries of Neutron Stars and White Dwarfs, Madrid, Spain, 5 - 07 June 2024

## Supported Projects

BAYKAL A., TUBITAK Project, Kütle Aktarımı Yapan X-Işını Atarcalarının Frekans Gürültüsü Ölçümü Ve Frekans Gürültüsünün Diğer Parametrelerle İlintisi, 2018 - 2021

## Metrics

Publication: 5

Citation (WoS): 20

Citation (Scopus): 20

H-Index (WoS): 3

H-Index (Scopus): 3

## Congress and Symposium Activities

23rd National Astronomy Congress, Attendee, İstanbul, Turkey, 2024

## Scholarships

2228-A Lisans Öğrencileri için Yurt İçi Lisansüstü Bursu, TUBITAK, 2015 - 2017