

## Res. Asst. PhD AYŞE ÇOBANKAYA

### Personal Information

**Email:** acaylak@cu.edu.tr

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### International Researcher IDs

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### Education Information

Doctorate, Cukurova University, Fen Bilimleri Enstitüsü, Matematik/Topoloji, Turkey 2011 - 2018

Postgraduate, Cukurova University, Fen Bilimleri Enstitüsü, Matematik/Topoloji, Turkey 2009 - 2011

### Dissertations

Doctorate, BAZI BASİT LİE GRUPLARININ KENDİ ÜZERİNE ETKİSİ, Cukurova University, Fen Edebiyat Fakültesi, Matematik/Topoloji, 2018

Postgraduate, ESAS GRUPOİDLER VE UYGULAMALARI, Cukurova University, Fef, Matematik/Topoloji, 2011

### Research Areas

Mathematics, Associative Rings and Algebras, Algebraic Topology, Commutative Rings and Algebras, General Topology, Topological Groups, Lie Groups, Natural Sciences

### Academic Titles / Tasks

Research Assistant PhD, Cukurova University, Fen-Edebiyat Fakültesi, Matematik, 2018 - Continues

Research Assistant, Cukurova University, Fen-Edebiyat Fakültesi, Matematik, 2008 - 2018

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

- I. **On subprojectivity domains of  $g$ -semiartinian modules**  
Durğun Y., Çobankaya A.  
JOURNAL OF ALGEBRA AND ITS APPLICATIONS, vol.20, no.07, 2021 (SCI-Expanded)
- II. **Actions of some simple compact Lie groups on themselves**  
Çobankaya A., Dönmez D.  
PROCEEDINGS OF THE INDIAN ACADEMY OF SCIENCES-MATHEMATICAL SCIENCES, vol.129, no.5, 2019 (SCI-Expanded)
- III. **Proper classes generated by  $\tau$  - closed submodules**  
DURĞUN Y., ÇOBANKAYA A.  
ANALELE STIINTIFICE ALE UNIVERSITATII OVIDIUS CONSTANTA-SERIA MATEMATICA, vol.27, no.3, pp.83-95, 2019 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Rings with singular modules having a restricted subprojectivity domain**  
ÇOBANKAYA A., Shibeshi A. Y., Sönmez R.  
Sao Paulo Journal of Mathematical Sciences, 2024 (ESCI)
- II. **On Proper Class Coprojectively Generated by Modules With Projective Socle**  
Çobankaya A.  
journal of new theory, vol.32, pp.79-87, 2020 (Peer-Reviewed Journal)
- III. **Homotopy of Lie-Rinehart Crossed Module Morphisms**  
Çetin S., Çobankaya A.  
Adıyaman Üniversitesi Fen Bilimleri Dergisi, vol.9, no.1, pp.202-212, 2019 (Peer-Reviewed Journal)
- IV. **NEW APPROACHES ABOUT I–CONTINUOUS FUNCTIONSIN IDEAL TOPOLOGICAL SPACES**  
Çobankaya A., Kuyucu F., Kılınc S.  
International Journal of Pure and Applied Mathematics, vol.113, no.2, pp.291-297, 2017 (Peer-Reviewed Journal)
- V. **INVESTIGATION OF SOME PROPERTIES OFTHE COHOMOLOGY OF SO(n) ANDITS CLASSIFYING SPACE**  
ÇOBANKAYA A.  
International Journal of Pure and Applied Mathematics, vol.112, no.3, pp.605-611, 2017 (Peer-Reviewed Journal)
- VI. **Esas Grupoid ve Uygulamaları**  
Çaylak A., Dönmez D.  
Ç. Ü. Fen ve Mühendislik Bilimleri Dergisi, vol.26, no.1, pp.150-154, 2011 (Non Peer-Reviewed Journal)

## Refereed Congress / Symposium Publications in Proceedings

- I. **ON SUBPROJECTIVITY DOMAINS OF GOLDIE TORSION MODULES**  
Durğun Y., Çobankaya A.  
7th IFS and Contemporary Mathematics Conference, Mersin, Turkey, 25 - 29 May 2021, pp.86-87
- II. **Rings whose g-Semiartinian Modules Have Maximal or Minimal Subprojectivity Domain**  
DURĞUN Y., ÇOBANKAYA A.  
International Conference on Mathematics and Its Applications in Science and Engineering (ICMASE 2020), Ankara, Turkey, 09 July 2020
- III. **On Gdc-Flat Modules**  
Çobankaya A., Sağlam İ.  
International Conference on Mathematics and Its Applications in Science and Engineering (ICMASE 2020), Ankara, Turkey, 09 July 2020
- IV. **The Proper Class Generated Projectively by G-Semiartinian Modules**  
Durğun Y., Çobankaya A.  
3rd International E-Conference on Mathematical Advances and Applications, İstanbul, Turkey, 24 June 2020
- V. **On Inclusion Relations GD-Closed And Some Other Proper Classes**  
Çobankaya A., Sağlam İ.  
3rd International E-Conference on Mathematical Advances and Applications, İstanbul, Turkey, 24 June 2020
- VI. **PROPER CLASS GENERATED COINJECTIVELY BYSEMIARTINIAN MODULES**  
Çobankaya A., Durğun Y.  
International Congress of Science, Mathematics and Engineering, İzmir, Turkey, 8 - 10 November 2019
- VII. **G-DICKSON TORSION THEORY**  
Durğun Y., Çobankaya A.  
International Congress of Science, Mathematics and Engineering, İzmir, Turkey, 8 - 10 November 2019, pp.1-1033
- VIII. **On subprojectivity domains of semiartinian modules**  
DURĞUN Y., ÇOBANKAYA A.  
6th International IFS and Contemporary Mathematic Conference, 7 - 10 June 2019
- IX. **WHEN T-CLOSED SUBMODULE IS CLOSED**

DURĞUN Y., ÇOBANKAYA A.

2. ULUSLARARASI İSTATİSTİK MATEMATİK VE ANALİTİK YÖNTEMLER KONGRESİ, 28 March 2019

X. **THE SMALLEST PROPER CLASS GENERATED BY T-CLOSED SUBMODULES**

DURĞUN Y., ÇOBANKAYA A.

2. ULUSLARARASI İSTATİSTİK MATEMATİK VE ANALİTİK YÖNTEMLER KONGRESİ, 28 March 2019

XI. **Actions of Some Simple Compact Lie Groups On Themselves**

ÇOBANKAYA A., DÖNMEZ D.

IFSCOM 2017 4th International Intuitionistic Fuzzy Sets and Contemporary Mathematics Conference, Mersin, Turkey, 3 - 07 May 2017, pp.11-12

XII. **New Approaches About I -Continuous in Ideal Topological Spaces**

ÇOBANKAYA A.

5th International Eurasian Conference on Mathematical Sciences and Applications, 16 - 19 August 2016

XIII. **Investigation of Some Properties of the Cohomology of SO(N) and Its Classifying Space**

ÇOBANKAYA A., DÖNMEZ D.

5TH INTERNATIONAL EURASIAN CONFERENCE ON MATHEMATICAL SCIENCES AND APPLICATIONS, 16 - 19 August 2016

## Supported Projects

ÇOBANKAYA A., DURĞUN Y., Project Supported by Higher Education Institutions, Goldie Torsion Modüllerin Projektifliğinin İncelenmesi, 2019 - 2021

DURĞUN Y., ÇOBANKAYA A., Project Supported by Higher Education Institutions, Saf injektif modüllerin İnjektifliğinin incelenmesi, 2018 - 2019

DÖNMEZ D., ÇAYLAK A., Project Supported by Higher Education Institutions, Bazı Basit Lie Gruplarının kendi üzerlerine etkileri, 2015 - 2018

## Metrics

Publication: 22

Citation (WoS): 1

Citation (Scopus): 2

H-Index (WoS): 1

H-Index (Scopus): 1

## Congress and Symposium Activities

6th International IFS and Contemporary Mathematic Conference, Attendee, Mersin, Turkey, 2019

2. ULUSLARARASI İSTATİSTİK MATEMATİK VE ANALİTİK YÖNTEMLER KONGRESİ, Attendee, İstanbul, Turkey, 2019

IFSCOM 2017 4th International Intuitionistic Fuzzy Sets and Contemporary Mathematics Conference, Attendee, Adana, Turkey, 2017

5th International Eurasian Conference on Mathematical Sciences and Applications, Attendee, Belgrad, Serbia And Montenegro, 2016

Yeditepe Üniversitesi Matematik lisansüstü Çalıştayı, Attendee, İstanbul, Turkey, 2010

## Scholarships

Tubitak 2211-A Genel Yurt İçi Doktora Bursu, TUBITAK, 2011 - 2018

Tubitak 2210-A Genel Yurt İçi Yüksek Lisans Bursu, TUBITAK, 2008 - 2011

## **Non Academic Experience**

Çukurova Üniversitesi