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International Researcher IDs

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Publons / Web Of Science ResearcherID: Q-1610-2019

ScopusID: 55652427600

Yoksis Researcher ID: 142387

Education Information

Doctorate, Dokuz Eylül University, Fen Bilimleri Enstitüsü, Mathematics, Turkey 2003 - 2010

Postgraduate, Dokuz Eylül University, Fen Bilimleri Enstitüsü, Matematik (YI) (Tezli), Turkey 2000 - 2003

Undergraduate, Dokuz Eylül University, Buca Eğitim Fakültesi, Matematik ve Fen Bilimleri Eğitimi Bölümü, Turkey 1996 - 2000

Foreign Languages

English, C1 Advanced

Research Areas

Algebraic Geometry, Algebraic Topology, Differential Geometry, Geometry, Combinatorics

Academic Titles / Tasks

Assistant Professor, Dokuz Eylül University, Fen Fakültesi, Matematik Bölümü, 2013 - Continues

Research Assistant, Dokuz Eylül University, Fen Fakültesi, Matematik Bölümü, 2002 - 2013

Academic and Administrative Experience

Assistant Manager of Research and Application Center, Dokuz Eylül University, 2020 - 2022

Uygulama ve Araştırma Merkezi Yönetim Kurulu Üyesi, Dokuz Eylül University, 2017 - 2022

Fakülte Kurulu Üyesi, Dokuz Eylül University, Fen Fakültesi, 2017 - 2020

Deputy Head of Department, Dokuz Eylül University, Fen Fakültesi, Matematik Bölümü, 2015 - 2018

Deputy Head of Department, Dokuz Eylul University, Fen Fakültesi, Matematik Bölümü, 2015 - 2015

Courses

Doctorate

Ph.D. Research, Doctorate, 2020 - 2021, 2019 - 2020

PhD Seminar, Doctorate, 2020 - 2021

Postgraduate

MSc Thesis, Postgraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2018 - 2019, 2017 - 2018, 2016 - 2017

MSc Research, Postgraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2018 - 2019, 2017 - 2018, 2016 - 2017

MSC SEMINAR, Postgraduate, 2021 - 2022, 2017 - 2018

MAT 5083 UYGULAMALI MATEMATİĞE GİRİŞ, Postgraduate, 2019 - 2020

MAT 5045 HYPERBOLIC GEOMETRY, Postgraduate, 2019 - 2020

MAT 5029 CALCULUS ON MANIFOLDS, Postgraduate, 2018 - 2019, 2017 - 2018, 2015 - 2016

MAT 5069 ALGEBRAIC CURVES, Postgraduate, 2016 - 2017

MAT 5141 MATHEMATICAL METHODS, Postgraduate, 2014 - 2015

Undergraduate

CALCULUS, Undergraduate, 2022 - 2023, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016

Calculus, Undergraduate, 2022 - 2023, 2016 - 2017, 2014 - 2015, 2013 - 2014, 2012 - 2013

Career Planning, Undergraduate, 2021 - 2022, 2020 - 2021

MAT 1009 MATEMATİK I, Undergraduate, 2019 - 2020, 2016 - 2017, 2015 - 2016, 2013 - 2014

MAT 4070 PROJECT, Undergraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014

MAT 4043 ELEMENTARY ALGEBRAIC GEOMETRY, Undergraduate, 2019 - 2020

MAB 415 DİFERANSİYEL GEOMETRİ, Undergraduate, 2019 - 2020, 2018 - 2019

MAB 454 ÖĞRETİM MATERYALLERİ TASARIMI VE KULLANIMI, Undergraduate, 2019 - 2020

MAT 1001 CALCULUS I, Undergraduate, 2018 - 2019

MAT 1010 MATEMATİK II, Undergraduate, 2018 - 2019, 2017 - 2018, 2014 - 2015

MAT 4051 GRAPH THEORY, Undergraduate, 2018 - 2019, 2015 - 2016

MAT 1035 ANALYTIC GEOMETRY, Undergraduate, 2017 - 2018

MAB 122 AYRIK MATEMATİK, Undergraduate, 2017 - 2018

MAT 3051 DIFFERENTIAL GEOMETRY, Undergraduate, 2017 - 2018, 2015 - 2016, 2014 - 2015

MAT 3042 ADVANCED DIFFERENTIAL GEOMETRY, Undergraduate, 2017 - 2018, 2015 - 2016, 2014 - 2015

MAB 121 SOYUT MATEMATİK, Undergraduate, 2017 - 2018

MAB 303 TOPOLOJİ, Undergraduate, 2016 - 2017

MAT 1032 CALCULUS II, Undergraduate, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013

MAT 4068 GEOMETRY, Undergraduate, 2016 - 2017, 2013 - 2014, 2012 - 2013

MAT 1031 CALCULUS I, Undergraduate, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013

MAT 3049 INTRODUCTION TO TOPOLOGY, Undergraduate, 2016 - 2017, 2015 - 2016

MAT 1012 TECHNICAL ENGLISH, Undergraduate, 2015 - 2016

MAT 2038 LINEAR ALGEBRA II, Undergraduate, 2013 - 2014

MAT 2011 MATEMATİK III, Undergraduate, 2013 - 2014

MAT 3050 COMPLEX CALCULUS, Undergraduate, 2012 - 2013

Supervised Theses

Sarioğlu C. C., Weighted Persistent Homology and Data Analysis, Postgraduate, D.AKSAKAL(Student), 2024

SARIOĞLU C. C., Sürekli kesirler ve Farey ağacı, Postgraduate, B.AKDOĞAN(Student), 2019

Jury Memberships

Competition, TÜBİTAK-BİDEB 2204-B 17th Secondary School Students Research Projects İzmir Region Final

Competition, The Scientific and Technological Research Council of Türkiye (TÜBİTAK), May, 2023

Competition, TÜBİTAK-BİDEB 2204-B 17th Secondary School Students Research Projects Research Projects Competition İzmir Region Final (Field of Mathematics, Preliminary Evaluation), The Scientific and Technological Research Council of Türkiye (TÜBİTAK), May, 2023

Competition, TÜBİTAK-BİDEB 2204-A 54th High School Students Research Projects Competition İzmir Region Final, The Scientific and Technological Research Council of Türkiye (TÜBİTAK), April, 2023

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Algebraic Geometry and Number Theory Summer School, Galatasaray University, Istanbul, 2014**
Preface
Mourtada H., SARIOĞLU C. C., Soule C., ZEYTİN A.
ALGEBRAIC GEOMETRY AND NUMBER THEORY, vol.321, 2017 (SCI-Expanded)
- II. **ON FINITE BRANCHED UNIFORMIZATIONS OF THE PROJECTIVE PLANE**
ULUDAĞ A. M., SARIOĞLU C. C.
INTERNATIONAL JOURNAL OF MATHEMATICS, vol.24, no.2, 2013 (SCI-Expanded)
- III. **Kinematic differential geometry of a rigid body in spatial motion using dual vector calculus: Part-II**
Kose O., SARIOĞLU C. C., KARABEY B., Karakilic İ.
APPLIED MATHEMATICS AND COMPUTATION, vol.182, no.1, pp.333-358, 2006 (SCI-Expanded)

Books

- I. **Algebraic Geometry and Number Theory**
ZEYTİN A., SARIOĞLU C. C., Mourtada H., Soule C.
Birkhäuser Basel, Basel, 2017
- II. **Algebraic Geometry and Number Theory Summer School, Galatasaray University, Istanbul, 2014**
ZEYTİN A., Mourtada H., SARIOĞLU C. C., Soule C.
Birkhäuser , 2017

Papers Published in Refereed Scientific Meetings

- I. **On freeness of line arrangements**
Sarioğlu C. C.
Second International Bilateral Workshop on Science Between Dokuz Eylül University and Azerbaijan National Academy of Sciences, İzmir, Turkey, 18 November 2022, pp.29
- II. **Resonance varieties and arrangements**
Sarioğlu C. C.
Algebra, Topology and Related Fields, İzmir, Turkey, 22 - 23 September 2022, pp.6
- III. **Ağırlıklı Kalıcı Homoloji**
Aksakal D., Sarioğlu C. C., Karpuz B.
34. Ulusal Matematik Sempozyumu, İzmir, Turkey, 31 August - 03 September 2022, pp.16
- IV. **Problem session**
SARIOĞLU C. C.
CIMPA Summer School on Arithmetic and Geometry around Hypergeometric Functions, İstanbul, Turkey, 13 - 25 June 2005, vol.260, pp.431-437

Supported Projects

Güçlükan İlhan A., Altunbulak M., Sarioğlu C. C., Gürbüz S. K., TÜBİTAK Project, Classification of Small Covers, 2019 - 2022

SARIOĞLU C. C., Project Supported by Higher Education Institutions, Hyperplane Arrangements, 2006 - 2009

SARIOĞLU C. C., Project Supported by Higher Education Institutions, Differential Geometry of Spatial Motions, 2003 - 2005

Memberships / Tasks in Scientific Organizations

American Mathematical Society, Member, 2011 - Continues, United States Of America

Turkish Mathematical Society, Member, 2010 - Continues, Turkey

Tasks In Event Organizations

Güçlükan İlhan A., Adıyaman M., Gürbüz S. K., Karpuz B., Özdemir S., Bayrıl D., Öger V., Altunbulak M., Sarioğlu C. C., Bayrıl Aykut D., 34th National Mathematics Symposium, Scientific Congress, İzmir, Turkey, Eylül 2022

Akyar Moller B., Karakılıç İ., Sarioğlu C. C., Gürbüz S. K., İzmir Algebraic Geometric Topology Days II, Workshop Organization, İzmir, Turkey, Ocak 2011

Akyar Moller B., Sarioğlu C. C., Gürbüz S. K., İzmir Algebraic Geometric Topology Days, Scientific Congress, İzmir, Turkey, Ocak 2009

Metrics

Publication: 9

Citation (WoS): 8

Citation (Scopus): 6

H-Index (WoS): 1

H-Index (Scopus): 1

Congress and Symposium Activities

Second International Bilateral Workshop on Science Between Dokuz Eylül University and Azerbaijan National Academy of Sciences, Audience, İzmir, Turkey, 2022

34th National Mathematics Symposium, Session Moderator, İzmir, Turkey, 2022

34th National Mathematics Symposium, Attendee, İzmir, Turkey, 2022

DEU Algebra Day, Audience, İzmir, Turkey, 2022

İzmir Mathematics Days - IV, Audience, İzmir, Turkey, 2022